

Contesting Action: W8PLP as a Multi-Transmitter Station!

Take a look at the CMARC Club Room getting some good use during the CW World Wide Prefix Contest this past March 29th. We had 12 visitors to the room during the action as well as 7 operators logging in over 240 contacts!

For the first time in quite a while CMARC operated W8PLP as a two transmitter multi-operator station, with N1MM logging contacts for both rigs simultaneously – thanks to lots of work in part from Gregg WB8LZG and Matt KD8OOS because of interfaces and networking!



Are you interested in getting in on the contesting fun? If so we'll be participating in the Michigan QSO contest on April 19th, which runs from noon to midnight (16z to 04z) at the CMARC Club Room. We hope that you plan to attend, check out what contesting is all about, and get some experience working the bands with us! This contest will allow both phone and cw operation, so check it out! If you are interested in operating, let us know at the next CMARC meeting this Friday, or send me an email at wx8moj@arrl.net so we can count you in!

LCDRA MEETING

The next quarterly meeting of the “Lansing Civil Defense Repeater Association” will be at 7pm on Thursday, April 17th at Lansing Fire Station #8, on the corner of Marshall Street and Grand River Avenue in Lansing. If you’re interested in what’s REALLY going on with the current status of our repeaters or their future, come out to this meeting where you can get your information “straight from the horse’s mouth”, as well as ask questions or voice your opinion. See you all there!

ARPSC MEETING

The next monthly meeting of the “Lansing Area/Ingham County Amateur Radio Public Service Corps” will be on Monday, April 21st at 7pm. This time we'll be meeting at the Ingham County Sheriff's Office in Mason. As always, membership in the ARPSC is NOT required for attendance, so please feel free to join us at any session—and bring along a friend! For the dates and locations of future meetings, please check out our website at www.lansingarpsc.com

Scoping out *THE SCOPE*

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MEETING SCHEDULE

GROUP	CMARC 	ARPSC 	LCDRA 
DATE	04/11/14	04/21/14	04/17/14
TIME	7:30 P.M.	7:00 P.M.	7:00 P.M.
LOCATION	SALVATION ARMY	MASON EOC	FIRE STATION # 8
WEBSITE	WWW.CENTRALMIARC.COM/	WWW.LANSINGARPSC.COM/	WWW.LCDRA.NET/

April Birthdays 4/07 JIM HANNAHS/KC8QWH 4/07 KENNETH KRUGER/W8AAX 4/07 RICHARD McGUIRE/KI8C 4/09 ERVIN BATES/W8ERV 4/22 DAN FULLER/W8VVR 4/27 SHARON WAITE/KD8HHK 4/29 JANINE LIEBER/KK6GYM Anniversaries 4/11 HERBERT TERBRACK/KB8QEZ 4/12 STEPHEN BINNS/KD8WVG	May Birthdays 5/02 PAUL KEEFER/KB8YQZ 5/11 EUGENE BROWN/KK4DIY 5/19 THOMAS DAVAGE/KB8J 5/19 JOHN DOORHAAG/KD8NNQ 5/27 GARRY WATSON/KC8MAD 5/31 WILLIAM WING/W2PMH Anniversaries 5/06 ROGER/AB8RX AND DeANNA BARNHILL/KD8BDI 5/13 JAN/KC8BFK AND JUDY BRADFIELD 5/21 JOHN INGRAHAM/NG8L 5/26 JIM HARVEY/KA8DDQ 5/31 JOHN/AC8ML AND SHIRLEY STRONG	June Birthdays 6/07 MARIE WATSON/KC8NOI 6/14 DAWN BEUCHERT/KD8MWA 6/17 JOLYON VINCENT/KD8HZY 6/24 GINNY HANNAHS/KD8HPG Anniversaries 6/22 TED SADILEK/WA8MFQ 6/24 GARRY/KC8MAD AND MARIE/KC8NOI WATSON
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VE TESTING SESSIONS

Ingham County VE Group

Location: Ingham County Sheriff's Department, Mason

Contact: Don McLain/KB8RAD (517) 694-0812 KB8RAD@ARRL.NET

Thursday @ 7:00 p.m. June 5, August 7, October 2, December 4

Saturday @ 11:00 a.m. May 10, July 12, July 26 (@CMARC Outdoor Hamfest,) September 13, November 8th

Eaton Co. ARC

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

Contact: Mark Korroch(WB8TGY) (517) 645-2378 wb8tgy@yahoo.com

Saturday at 12:00 p.m. April 12, June 14, October 11, December 13

Corunna VE Team

Location: American Red Cross, 702 Corunna Ave, Corunna MI 48817-1230

Contact: Thomas Carpenter/KI8AS (989)277-2262 KI8AS@CHARTER.NET

Thursday @ 7:00 p.m. April 24, June 26, August 28, October 23, December 18

*[Note: This Ham was a CMARC member back when he attended MSU.
Have fun reading about a very interesting fellow Ham!]*



What's My Sign?

By: Julie McLain KB8ZXR

I was born on June 18, 1927 at Unionville, Michigan and had eleven siblings! My Dad was a rural mail carrier and farmer. My Mom had a full-time job "at home" taking care of me and my five brothers and six sisters! (All five of my brothers were in the Navy/Maritime Service during World War II and one of my brothers was killed in 1943 when his destroyer was torpedoed by the Germans. There is now only me and three of my sisters left.)

After graduating from Unionville High School in 1944, at the age of 16, I went to Detroit where I joined the Merchant Marine in July of that same year. After boot camp I went to Radio School at Hoffman Island in New York and in March of 1945 I joined a merchant ship as 3rd Radio Officer in San Francisco. In the fall of 1947 I began college at Michigan State University, graduating as an Electrical Engineer in 1951, and receiving my Master's degree in 1954. During the summers, I sailed as a Radio Officer in the Merchant Marine to earn the money I needed to go to college.

In 1958 I moved to Cocoa Beach, Florida (where I still live) to take a job with the General Electric Company. They had the Guidance System contract for the Atlas/Gemini rockets and I was a Guidance Engineer, so I worked at Cape Canaveral (later known as "Cape Kennedy"), where I met and worked with the "Original Seven Heroes" who flew the Atlas and Gemini flights. After 20 years, our guidance system program ended and so I went back to sea as a Radio Officer, sailing in the Merchant Marine.

My interest in Amateur Radio started back in 1944 when I was only 17 years old. I became acquainted with some Ham Radio operators who seemed to have no problem operating Morse code and they knew a lot about the theory, too! So, with their encouragement, I decided to get busy and I started to learn Morse code. Where it was so very "easy" for these Hams that I'd met, I had "difficulty" mastering the code and learning about the theory!! But I kept going!! When I began attending Michigan State University in 1947, I met some more Hams and joined the Radio Club at MSU. It was during the fall/winter of 1947, at the age of 20, that I took my first license exam to become a Radio Amateur. Even though I already had my "Commercial Radio Operator License", I still had to take the exam for my Amateur Radio License and to do this I had to drive from Lansing to the FCC Office in Detroit. One year later, I had to go through it all over again when I upgraded to the next higher class license. Then, when it came time for me to take my Extra exam, four of us drove to the Federal Building in Miami, Florida...leaving at 3am to make sure we could be there by 9am to test. One of our friends who could normally copy at least 30 WPM failed the Morse code test when he "froze up"! The poor guy tried another 3 to 4 times and failed each time. He finally got his Extra when the rules were changed on how you could pass your 20 WPM code. Now, with the new rule change you could either fill in the blanks, or get one minute of solid copy.

As you can see, Radio has been a huge part of my life...as a Commercial Radio Operator, for my pleasure as a Radio Operator with the Merchant Marine, and as a Ham Radio Operator. As an avid radio "nut", I've always been able to keep in touch with my Hobby both from home and while sailing. Around the end of 1960 I switched over to strictly CW, after I had several bad experiences with phone ops who were the really nasty types. Their swearing, intentional interference and more made me give up using the phone mode.

Back in the late '60s, I was able to work every country in the mixed mode, but in 2012 I couldn't make a "clean

sweep” as North Korea couldn’t be worked on CW. At one time, I was avid on high speed operation using 60 WPM or more for communication. I also had a great interest in participating with DXpedition groups who operated from rare places for the purpose of getting on the air. It was always fun too, operating from these DX locations and helping to give a “new country” to those Hams who were chasing for new ones. I used to be very keen on “CW Contesting” operating as “VQ9QM” and it was always enjoyable trying to keep up with some of the better equipped stations. At one time, we had a club station that had a 90 foot tower with a multi-band beam plus wire antennas. For approximately 14 years, we were stationed in Diego Garcia and over the years, I logged approximately 100,000 contacts. It was almost “pure heaven” as here I was operating from a rare QTH and was earning good money doing something that I loved.

At the age of 86, I can’t complain too much, because I had a good run for my “money”. Unfortunately, almost 3 years ago I came down with “Shingles” which is very painful and I can’t use my sending arm except for only very short periods. A few months ago I took my tower and antennas down and gave away all my equipment. Over the years, I’ve had a lot of fun and enjoyment and I’m fortunate I lasted as long as I did. I’ve also met a lot of Hams in my life and I still keep in contact with a few of my long term Ham friends!

Back during my college days at MSU, I was a member of the Central Michigan Amateur Radio Club. And I really enjoyed helping with the classes they held for CW and for Theory. Over the years, I have met some wonderful people through Ham radio, both around the world and right there at CMARC. My hope is that the Central Michigan Amateur Radio Club will continue to be the viable organization that it has always been.

There, now that we’re a little better acquainted, “What’s My Sign?” My Callsign is W4QM and my name is Harmon “Dale” Strieter.

[Note: If you would like to read more about this interesting Ham there is a tribute to him that you will find fascinating!! <http://hamgallery.com/Tribute/W4QM/>

HAMFESTS

04/12/2014 - [Milford Swap](#)

Location: Highland, MI

Sponsor: Milford Amateur Radio Club

Website: www.qsl.net/w8ydk

06/01/2014 - [Chelsea Radio Swap 'n Shop](#)

Location: Chelsea, MI

Sponsor: Chelsea Amateur Radio Club

Website: www.wd8iel.com

06/07/2014 - [IRA Hamfest](#)

Location: Hudsonville, MI

Sponsor: Independent Repeater Association

Website: www.w8ira.org

06/14/2014 – [Midland Hamfest](#)

Location: Midland, MI

Sponsor: Midland Amateur Radio Club

Website: <http://w8kea.org>

06/15/2014 - [Monroe Hamfest](#)

Location: Monroe, MI

Sponsor: Monroe County Radio Communications Association

Website: www.mcrcra.org

06/21/2014 - [West Michigan Youth Club Hamfest](#)

Location: Lowell, MI

Sponsor: West Michigan Youth Club

Website: www.westmichiganyouthclub.org

07/26/2014 - [2014 CMARC OUTDOOR HAMFEST](#)

Location: Lansing, MI

Sponsor: Central Michigan Amateur Radio Club

Website: www.centralmiarc.com



ARRL VEC

“ARRL PRACTICE AMATEUR RADIO EXAMS”

Sponsored by the “Ingham County VE Group”
VE Julie McLain KB8ZXR

- **Technician Class**

- 1.) Question T1A10 - What is the FCC Part 97 definition of an amateur station?
A. A station in an Amateur Radio Service consisting of the apparatus necessary for carrying on radio communications
B. Any radio station operated by a non-professional
C. A building where Amateur Radio receivers, transmitters, and RF power amplifiers are installed
D. Any radio station for hobby use
- 2.) Question T0A05 - Why is it unwise to install a 20-ampere fuse in the place of a 5-ampere fuse?
A. The larger fuse would be likely to blow because it is rated for higher current
B. The power supply ripple would greatly increase
C. Excessive current could cause a fire
D. All of these choices are correct
- 3.) Question T1E07 - When the control operator is not the station licensee, who is responsible for the proper operation of the station?
A. Only the station licensee
B. The control operator and the station licensee are equally responsible
C. All licensed amateurs who are present at the operation
D. Only the control operator

- **General Class**

- 1.) Question G0B15 - Which of the following is true of an emergency generator installation?
A. The generator should be located in a well ventilated area
B. The generator should be insulated from ground
C. Fuel should be stored near the generator for rapid refueling in case of an emergency
D. All of these choices are correct
- 2.) Question G4D11 - How close to the upper edge of the 20 meter General Class band should your displayed carrier frequency be when using 3 kHz wide USB?
A. 3 kHz below the edge of the band
B. Your displayed carrier frequency may be set at the edge of the band
C. 3 kHz above the edge of the band
D. Center your signal on the edge of the band

3.) Question G8A02 - What is the name of the process that changes the phase angle of an RF wave to convey information?

- A. Phase modulation
- B. Radian inversion
- C. Angle convolution
- D. Phase convolution

• **Extra Class**

1.) Question E6B05 - What characteristic of a PIN diode makes it useful as an RF switch or attenuator?

- A. Extremely high reverse breakdown voltage
- B. A large region of intrinsic material
- C. Ability to dissipate large amounts of power
- D. Reverse bias controls its forward voltage drop

2.) Question E4A04 - Which of the following test instruments is used to display spurious signals from a radio transmitter?

- A. A time-domain reflectometer
- B. A spectrum analyzer
- C. A wattmeter
- D. A logic analyzer

3.) Question E1E14 - For which types of out-of-pocket expenses do the Part 97 rules state that VEs and VECs may be reimbursed?

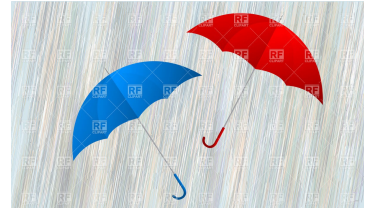
- A. Preparing, processing, administering and coordinating an examination for an amateur radio license
- B. No expenses are authorized for reimbursement
- C. Teaching an amateur operator license examination preparation course
- D. Providing amateur operator license examination preparation training materials

Questions and Answers Copied from ARRL's "Practice Amateur Radio Exams" found at:
<http://www.qrz.com/hamtest/>

ANSWERS Technician: 1-A; 2-C; 3-B General: 1-A; 2-A; 3-A Extra: 1-B; 2-B; 3-A
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MARCH TEA TIME LADIES' DAYS

March 10th – Adrina Keresztes/KD8OQW's Birthday!!



APRIL TEA TIME LADIES' DAYS

April 2nd – Ann & Bob/K8RDN Berger's 48th Anniversary!

April 11th – Linda Conklin/K8LCC's Birthday!

April 14th – Ericka Kahler/KD8KJU's Birthday!

April 24th – Linda/K8LCC & Wayne/W8QG Conklin's 38th Anniversary!

April 27th – Sharon Waite/KD8HHK's Birthday!



APRIL LADIES TEA TIME LUNCHEON

Please be sure to join us for our next “Ladies Tea Time Luncheon” on Saturday, April 12th at 12:30pm! This time we will be going to Falsetta's Casa Nova located at 138 S. Waverly Road in Lansing. And remember, this invitation is for ALL Ladies, whether you have a Ham license or not!! So, come on out and join us...we always have a great time getting together with our friends! Please RSVP by Friday, April 11th so I can make reservations for us all to sit together. 73, Julie KB8ZXR (KB8ZXR@aol.com or 517.694.0812)



LADIES TEA TIME NET!

Please join me every Tuesday evening at 7pm on the 145.39 (100 Hz PL) Lansing-area repeater for the “Ladies Tea Time Net”. The Net can also be accessed via the *DODROPIN* EchoLink Conference Server (Node ID# 355800). The main purpose of this Net is to get our Lady Hams out on the air each week, having fun as they visit together. And for those Ladies without a Ham license...you can still check in “Third Party”, as long as your licensed husband or friend checks in first. Remember, we always look forward to having our Gentlemen join us for a fun time, too... AFTER the “Ladies Only” portion of the Net!! So, pour yourself a nice cup of tea, key up the mic and join me for the “Ladies Tea Time Net”...I'll be listening for you!!

~Julie McLain, KB8ZXR~

Ladies Tea Time Net & Luncheon Coordinator
(517) 694-0812 or KB8ZXR@aol.com



CMARC BOARD MEETING FEBRUARY 14, 2014

President Dan Beuchert/WX8MOJ called the meeting to order at 7:10 pm with the following board members in attendance: Vice President Don McLain/KB8RAD, Treasurer Jerry Waite/KD8GLN, Secretary Jane Hosford/KC8FSK, Director Sharon Waite/KD8HHK, Director John Doornhaag/KD8NNQ, Under 22 Director Matt Miller/KD8OOS.

- Silent Keys: Allan Budden/W8WDA.
- Update on non-profit. Inventory clean-up March 1st @10:00.
- Board insurance: Need to talk to Russ/N8FZ.
- Webmaster: Bill/KD8PVX has been our webmaster. Due to his busy schedule he's been unable to work on it as much as needed, so he is getting some help. Jerry/KD8GLN made a motion to have Tom/WA8WPI be/assist Bill as the webmaster, seconded by John/KD8NNQ and approved. The website links need to be checked for accuracy.
- The Salvation Army needs a calendar of our events so they know when to expect us.

Motion to adjourn made by John/KD8NNQ, seconded by Don/KB8RAD, approved and adjourned at 7:27.

Respectfully submitted,
Jane Hosford/KC8FSK-Secretary

CMARC MEETING MINUTES FEBRUARY 14, 2014

President Dan Beuchert/WX8MOJ called the meeting to order at 7:30 and welcomed both members and visitors attending tonight.

Silent key report:

Allan Budden/W8WDA.
Randy Williams/KD8MOK's Mom passed away.

A moment of silence for our silent keys.

ATTENDANCE:

There were 41 people in attendance. Visitors included: Mary Tillitson, Ken McGuire, Sergii/UR5KHL from Ukraine, Brandi Denomme, Gloria Cote, Debbie Headley, Ben Barker/WD8OVL, Kenny Hazlett/N8BVV, Shirley Strong and Jim Geyer/KD8CHU.

NEW LICENSES, UPGRADES and VANITY CALLS:

None.

CARDS AND FLOWERS REPORT:

- A sympathy card was sent to the family of Allan Budden/W8WDA, and flowers were sent to his funeral.
- A sympathy card was sent to Randy Williams/KD8MOK after the loss of his Mother.
- A get well card was sent to Cheryl/KD8QFE.

INTERESTING DX CONTACTS:

None.

OLD BUSINESS:

- A motion to accept the January Secretary's Report as printed in the January SCOPE was made by Ted/WA8MFQ, seconded by Don/KC8CY, and approved.
- A motion to accept the January Treasurer's report as printed in the January SCOPE was made by John/KD8NNQ, seconded by Don/KD8BD and approved.
- Club clean-up day: Saturday, March 1st @10:00. Go thru paperwork, check the by-laws, make sure everything is in order.
- Ziegenbein nominations are due March 15th. Send nominations to Bob Berger, 6130 Lerner Way, Lansing, MI 48911 or email @k8rdn@arrl.net.
- Board insurance: It was brought up that it was included under the corporation. Need to check on and decided if we really do need Board insurance or not. Will be talking to Russ/N8FZ. Director and officer insurance runs about \$600.00 a year.
- Meeting time: Don/KD8BD made a motion to change meeting time to 7:00, seconded by Bill/WD8NYW, and approved. Starting March, 2014, meeting time will be 7:00 with the Board meeting at 6:30.

Please pay your dues. CMARC dues to Jerry/KD8GLN and LCDRA dues to Julie/KB8ZXR.

NOTE: IF YOU WISH TO HAVE YOUR ANNIVERSARY AND BIRTHDAY MENTIONED IN THE SCOPE PLEASE FILL OUT THE MEMBERSHIP FORM THAT'S IN THE SCOPE OR ONLINE.

NEW BUSINESS:

- Don/KC8CY received a certificate from the ARRL for first place 10-meter contest. Congratulations Don!
- CQ Prefix contest March 29th and 30th.
- Michigan QSO party April 24th and 25th.
- ARPSC: No meeting Monday the 17th. Radio test at fire station.
- Skywarn: March 22, 10:00 LCC West-ARPSC website, must register.
- The March 2014 CMARC meeting will be on SATERN.

UNDER 22 REPORT:

Nothing to report.

50/50 DRAWING:

Debbie Headley won \$16.00.

BREAK:

Motion to adjourn for break made by Don/KD8BD, seconded by Jerry/KD8GLN and approved.

(Sec. Note: Thank you to all who helped with the goodies-your contributions are always GREATLY appreciated!)

MAIN PROGRAM AND/OR SPEAKER:

Our speaker for tonight was Jim Geyer/KD8CHU, meteorologist for WLNS.

With all business concluded the meeting was adjourned at 9:12 pm.

Respectfully submitted,
Jane Hosford/KC8FSK-Secretary

February 2014 Treasurer's Report	
Primary Share Acct. (Humphreys Fund)	\$1090.33
Business Checking	\$3620.64
Net Worth	\$4710.97
Youth Fund Balance* (as of 04/2013)	\$253.24
Building Fund (Club Station) <i>separate from CMARC Funds</i>	\$9.09
Submitted, <i>Jerry Waite/KD8GLN - CMARC Treasurer</i>	

CMARC BOARD MEETING
March 14, 2014

President Dan Beuchert/WX8MOJ called the meeting to order at 6:31 pm with the following board members in attendance: Vice President Don McLain/KB8RAD, Treasurer Jerry Waite/KD8GLN, Secretary Jane Hosford/KC8FSK, Director Sharon Waite/KD8HHK, Director John Doornhaag/KD8NNQ, Under 22 Director Matt Miller/KD8OOS.

Silent Keys:

John/KD8NQ's Dad passed away. John thanked the Club for the sympathy card and for the \$40.00 donation made in his Dad's name to Grace Hospice in Kalamazoo.

Don/KB8RAD and Julie/KB8ZXR have an attorney friend who is looking at the by-laws to make sure everything is in order.

Ken/W8AAX is putting a new board on the straight key.

Field Day: Dan/WX8MOJ made a motion to have Ron Harger/WD8BCS chair field day this year, seconded by Don/KB8RAD and approved. Ron Harger/WD8BCS will chair field day this year.

Dan/WX8MOJ made a motion to have field day in Mason for the next three years, seconded by John/KD8NNQ and approved. Field Day will be in Mason for the next three years.

ARPSC will be meeting March 17th.

SATERN is unable to be here tonight. They have rescheduled and plan to be here in April.

Motion to adjourn made by Jerry/KD8GLN, seconded by John/KD8NNQ, approved and adjourned at 6:55 pm.

Respectfully submitted,
Jane Hosford/KC8FSK-Secretary

CMARC MEETING MINUTES

March 14, 2014

President Dan Beuchert/WX8MOJ called the meeting to order at 7:05 and welcomed both members and visitors attending tonight.

Silent key report:

John/KD8NNQ's Dad passed away.

A moment of silence for our silent keys.

ATTENDANCE:

There were 42 people in attendance. Visitors included: Debbie Headley, Barbara Sherman, Mary Tillitson, Kenny Hazlett/N8BVV and Miss Abby Beuchert.

NEW LICENSES, UPGRADES and VANITY CALLS:

None.

CARDS AND FLOWERS REPORT:

A sympathy card was sent to John Doornhaag/KD8NNQ after the passing of his father. A \$40.00 donation was made to Grace Hospice in Kalamazoo in John's/KD8NNQ father's name.

INTERESTING DX CONTACTS:

None.

OLD BUSINESS:

- A motion to accept the February Secretary's Report as printed in the February SCOPE was made by Don/KB8RAD, seconded by John/KD8NNQ, and approved.
- A motion to accept the February Treasurer's report as printed in the February SCOPE was made by Jim/KA8DDQ, seconded by Don/KD8BD and approved.
- 501C3 status. Found by-laws but no constitution.
- Don/KB8RAD and Julie/KB8ZXR have a friend who is looking over the by-laws for us, to make sure everything is in order.
- March 22nd is Skywarn.
- March 29th is the CQ prefix contest.
- Field Day: Ron Harger/WD8BCS is going to chair this year's Field Day.
- The Board has voted to have Field Day in Mason for the next three years. Dan/WX8MOJ is going to write a letter to the City of Mason.
- Julie/KB8ZXR: Ladies' Night Banquet is May 9th @Delhi Cafe. Julie has menu order forms.
- Hamfest: Saturday, July 26th @Holt Christian Church. The Club needs to raise money for the main prize-radio.

Please pay your dues.

CMARC dues to Jerry/KD8GLN and LCDRA dues to Julie/KB8ZXR.

NOTE: IF YOU WISH TO HAVE YOUR ANNIVERSARY AND BIRTHDAY MENTIONED IN THE SCOPE PLEASE FILL OUT THE MEMBERSHIP FORM THAT'S IN THE SCOPE OR ONLINE.

NEW BUSINESS:

- Tom/WA8WPI is doing a good job with the website. If you see a mistake, please let him know.
- Gregg/WB8LZG refurbished the paddle key. He made an interface for the older HF rig so it can be hooked up to the computer.

UNDER 22 REPORT:

Nothing to report.

50/50 DRAWING:

John/KC8QZB won \$17.50.

Motion to adjourn for break made by Jim/KC8QWH, seconded by John/AC8ML and approved.

BREAK: Bill/WD8NYW made a motion for break, seconded by Michael/KD8VHT and approved.

MAIN PROGRAM AND/OR SPEAKER:

SATERN was unable to be here tonight, they have rescheduled for next month, April.

With all business concluded the meeting was adjourned at 7:30 pm.

Respectfully submitted,
Jane Hosford/KC8FSK-Secretary

March 2014 Treasurer's Report	
Primary Share Acct. (Humphreys Fund)	\$1090.41
Business Checking	\$3649.62
Net Worth	\$4740.03
Youth Fund Balance* (as of 04/2013)	\$253.26
Building Fund (Club Station)	\$9.09
<i>separate from CMARC Funds</i>	
Submitted, <i>Jerry Waite/KD8GLN - CMARC Treasurer</i>	

RAD's COFFEE BREAK

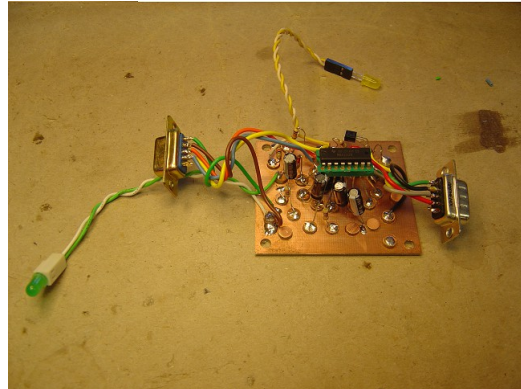
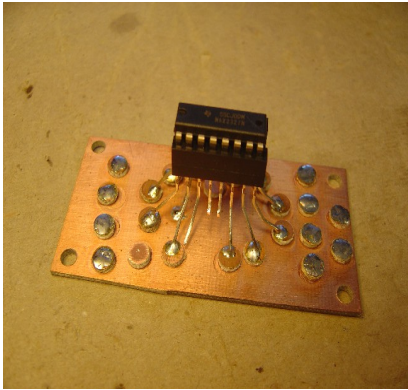
Looking for something FUN to do on a Saturday night with your fellow Hams and their families? Well, "RAD's Coffee Break" is the place to be! It's a "family friendly", Ham Radio-related get-together that's fun for EVERYBODY. "RAD's" has met EVERY Saturday night for SIX AND A HALF YEARS (since June 30, 2007) and has seen as many as 55 in attendance!! Guests begin arriving around 7pm at Denny's Restaurant, 7330 W. Saginaw Highway on the West side of Lansing. It's just down the road from the Lansing Mall (out by Horrock's Farm Market), and you can easily get there by taking I-96 Exit 93B. An all-night commitment is NOT required—you can come and go as you please—and you DON'T have to belong to a particular Club to join in on the fun, either. As Don, KB8 "RAD" likes to say, "If you're a HAM, related to a HAM, wanna be a HAM, or just like to eat HAM...EVERYONE'S welcome at RAD's Coffee Break!!"

Building the C.A.T interface for the CMARC shack computers

With the recent interest in contesting from the CMARC “shack” I decided to build a computer Interface to help with logging during contest operation.

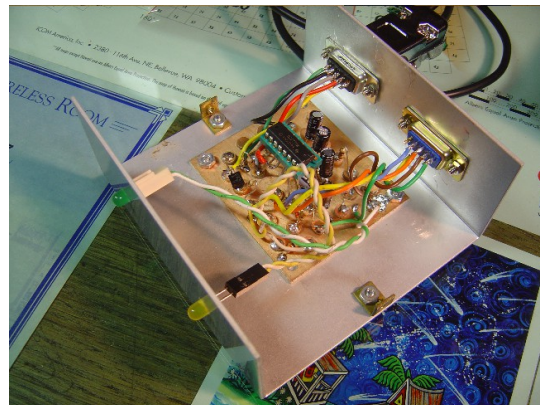
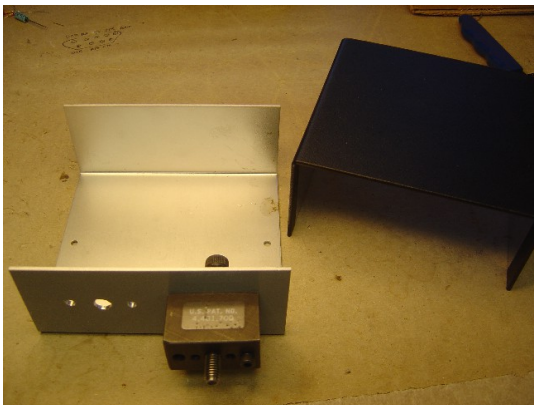
For simplicity I choose “Manhattan Style” building in case I had to experiment a bit to get the rig to “talk” to the computer. The circuit only has 1 chip and a handful of parts to make it work.

1st step, mount the chip socket to the PCB, bending the feet out to provide room to mount parts.



2nd step, mount the 5 caps, 1 diode, 3 resistors, 2 LED's, and connectors.

3rd step, finding an enclosure. I had some extra Ten Tec style boxes in my “junk box” , so I started drilling the holes for the jacks and LED's.



4th step, mount the completed unit into its new home, and test!

Total build time was about 3 hours.

Hope you enjoyed the pix, and hope you'll be inspired to build one for your own.

73 Gregg WB8LZG



Ladies Night/Ziegenbein Award Banquet

WHO: All CMARC Members and their Families
(Even if you're Not a CMARC Member yet, you're still invited to join us!!)

WHAT: CMARC's Annual Ladies Night Ziegenbein Award Banquet

WHEN: Friday, May 9, 2014 at 6:00p.m. SHARP!

WHERE: Delhi Café, 4625 Willoughby Road in Holt

WHY: To Honor our Ladies, Present the Ziegenbein Award, Savor Delicious Food and Warm Fellowship, AND Enjoy the Entertainment Presented by "The Men of Orpheus"!

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----- Cut Here -----

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I **MUST** have your Reservations/Orders by **Thursday, May 1st, at the latest!!**

PLEASE SEND ORDERS ONLY, DON'T SEND MONEY!!

You will pay Delhi Café the night of the Banquet!!

To RSVP: **Call** Julie McLain/KB8ZXR at: (517) 694-0812, **Email** me at: KB8ZXR@aol.com,
or **Snail Mail** me at: 4444 Sycamore St., Apt. 1; Holt, MI 48842

Name/Callsign _____ Ph. # _____

Wife's Name/Callsign _____

Guest's Name/Callsign _____

Guest's Name/Callsign _____

Please choose an Entrée for **each** person attending with you, by circling the Entrée name and writing the number of meals requested, on the line in front of the Entrée you've selected.

(Example: If two of you want Swiss Steak, circle "Swiss Steak" and put a number "2" on the line in front of that Entrée to show you want to order "2 Swiss Steak meals".)

OUR ENTRÉE CHOICES ARE: (All dinners **INCLUDE** coffee or tea. Tax and tip are **NOT** included.)

- _____ 1.) Chicken Western served w/rice and salad - \$13.25
- _____ 2.) House Sizzler served w/baked potato and salad - \$13.95
- _____ 3.) Broiled Cod served w/baked potato and salad - \$13.95
- _____ 4.) Swiss Steak served w/mashed potato and salad - \$13.25
- _____ 5.) Spinach Pie served w/rice and Greek salad - \$12.45

CHILDREN'S MENU (under 12) - (Tax and tip **NOT included)**

- _____ 1.) Grilled cheese with fries and drink - \$5.00
- _____ 2.) Chicken Fingers with fries and drink - \$5.00

Upcoming Public Service Events

As the thaw is beginning to start, the new season for public service events are starting. Here are some of the first events for the season. Please reply to me if you would like to be added to the list of volunteers. If you signed up at the last RACES meeting I still have you on the list.

April 26, 2014 March of Dimes. 9-12PM, Meeting at Burchard Park 220, E. Maple Lansing 48906.

May 2, 2014 Mason State bank 5K, 7-9PM. Meeting at the tent in front of the Court house.

May 4, 2014 Lansing Marathon 6:30AM-3:30PM. Assignments will be emailed at a later date.

May 18, 2014 Kiwanis 5K 8AM-11AM. Meeting at Valhalla Park Holt, MI (Keller and Pine tree)

You can see all the events at <http://www.lansingarpsc.com/psevents.html>

Thanks for your help,

Jeremiah Sevrey/KC8EIA

FOR SALE

Astron 60M. Has amp and voltage meters. In very good shape.

Contact: Al Wright KE8DR email: twowrights@comcast.net



Do you know this person?

Years ago (1960's) I met a ham in East Lansing that lived on Harrison Ave. (I'm pretty sure) just north of West Grand Blvd. a block or two.

He had an amazing shack to me, new ham. It was upstairs and he had a track on the floor like a small gauge railway track. His chair would slide along the rails and go from desk to desk. He had a tower with a TH6 beam on it. I think his house was brick, on the west side of Harrison as it climbs on elevation a little bit as it heads north toward Saginaw Street.

Does any of this register with you? Or maybe there is an old timer in your club that remembers who this ham was? Any help you can give me would be appreciated.

73, Norm Keon W8AWE
email: w8awe@arrl.net

Also feel free to forward any tips to the SCOPE email at: cmarscope@hotmail.com

Key Refurbishing

Here's a before/after of one of the club's newly refurbished keys!
Thanks Gregg/WB8LZG for the pictures of your handiwork!



10 meter Net

Thursday nights at 9:00 pm, our very own Ken Kruger/W8AAX hosts a net and even Techs interested in HF can join in! The frequency is: 28.495 MHz USB. It is a good opportunity to get some time out on HF and make sure that your 10 meter gear is working – we hope to hear you out there soon!

NETS in the Greater Lansing Area

"The Breakfast Club Net" meets EVERY weekday morning from 7am to 11am on the 145.39 repeater (PL 100 Hz), with Net Coordinator Don McLain/KB8RAD. This Net has been around now for over FOUR YEARS (since September 24, 2009) and averages around 90-100 check-ins per morning, but the NEW all-time record is 118 people in one morning's Net (and that's NOT counting rechecks)! So, if YOU are getting bored with just listening to Broadcast Radio during the morning commute, come and see what all the commotion's about—join Don and the rest of the gang every weekday morning on "The Breakfast Club Net"! They'll not only wake you up—they'll put a smile on your face, too! And thanks to Daniel Burk/NE8K, EchoLink is now available each morning via the *DODROPIN* Conference Server (ID# 355800), so it's never been easier to check in and join the fun! Whether you're somewhere throughout the United States (or world), or right here in the mid-Michigan area, you can now check in by repeater, your computer, your cellphone or other EchoLink device—at your convenience! So, stop by in the morning and say, "Hello!"...and while you're at it, why not join "The Breakfast Club Net" Facebook Group! They are already 353 members strong and would love to have YOU join them, too! www.facebook.com/groups/112208875498362

The **"Central Michigan Slow Scan TV Net"** meets every Sunday evening from 7:00- 8:30pm on the 145.39 repeater (PL 100 Hz), with Net Coordinator Carl Canfield/K8YHH. EVERYONE is welcome to join in and have fun learning and using this interesting and useful mode of communication. Other digital modes will be explored from time to time. For more information, call Carl at: (517) 755-6627.

The **"Lansing Area/Ingham County Amateur Radio Public Service Corps Training Net"** meets on the first Monday night of the month at 7pm on the 145.39 repeater (PL 100 Hz). Volunteer Net Control Operators are needed each month, as well as someone to provide Training, so if you are an ARPSC member and wish to sign up, contact Net Coordinator Don McLain/KB8RAD at (517) 694-0812.

The **"Ladies Tea Time Net"** meets every Tuesday evening at 7pm on the 145.39 repeater (PL 100 Hz), with Net Coordinator Julie McLain/KB8ZXR, and can now also be found on the *DODROPIN* EchoLink Conference Server (ID# 355800)! Everyone is welcome to check in—even all you guys!! This Net has been around now for SIX AND A HALF YEARS (since July 3, 2007), so let's keep it going and growing!!

The **"Quarter Century Wireless Association Net"** also meets every Tuesday night but at 8pm and on the 146.70 repeater (PL 107.2 Hz), with Net Coordinator Don Tillitson/WB8NUS. Be sure to stop by after Julie's Net and say "Hello!"

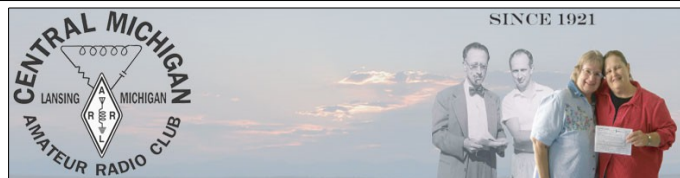
The **"Mid-Michigan Information & Trader's Net"** meets every Wednesday evening at 7:00pm on the 145.39 repeater (PL 100 Hz), with Net Coordinator Don McLain/KB8RAD. This Net has been around now for over FOUR YEARS (since November 11, 2009) and is still growing!! Be sure to join Don for a time of FUN, FELLOWSHIP, and INFORMATION!! There will be helpful Ham-related information to share from both Net Control and our check-ins, time for questions and answers, and "Trader's Net" style on-the-air swapping of Ham-related equipment throughout the Net. Sounds like a good time to me!!

The **"Michigan Radio Amateur Youth Net"** (or MRAY) meets every Thursday night at 7pm on the 145.39 repeater (PL 100 Hz), with Net Coordinator Matt Miller/KD8OOS or other area young people. In addition, EchoLink is available for the first hour of the Net by searching for "MRAY", or the *DODROPIN* Conference Server (ID# 355800). Although the Net specifically targets the Youth (who are the future of Ham Radio), ADULTS are welcome to check in, too!! Also, Third-Party check-ins are encouraged to join the Net as a way of introducing young people to the Hobby. So, EVERYONE be sure to check into the MRAY Net and show YOUR support for our youth!

**ALL are welcome on these nets,
so be sure to check in to show your support.
And as with all Nets, 3rd party check-ins are welcome,
but must have Control Operator present at check-in time.**

The CMARC & LCDRA Board

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



Our CMARC Officers

President:	Daniel Beuchert-WX8MOJ	Ph: (517) 604-1379
Vice President:	Donald McLain-KB8RAD	Ph: (517) 694-0812
Secretary:	Jane Hosford-KC8FSK	
Treasurer:	Jerry Waite-KD8GLN	Ph: (517) 882-5406
Director:	John Doornhaag-KD8NNQ	
Director:	Sharon Waite-KD8HHK	Ph: (517) 882-5406
Under 22:	Matt Miller-KD8OOS	
Cards/Flowers:	Jane Hosford-KC8FSK	Ph: (517) 648-8240
Photographer:		
Club Contact:	Donald McLain-KB8RAD	Ph: (517) 694-0812
Building Coord.:	Dan Beuchert-WX8MOJ	Ph: (517) 604-1379
QSL/ Awards Mgr:	Don DeFeyer-KC8CY	Ph: (517) 641-4533
Scope Editors:	Dawn Beuchert-KD8MWA & Dan Beuchert-WX8MOJ	

****email address: cmarcscope@hotmail.com ****
Deadline for SCOPE: 20th. of month

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



Our LCDRA Officers

President:	John Imeson- N8JI	Ph: (517) 449-1517
Vice Pres:	Don Tillitson-WB8NUS	Ph: (517) 321-2004
Secretary:	Ron Harger- WD8BCS	wd8bcs@arrl.net
Director:	Jan Bradfield- KC8BFBK	Ph: (517) 202-1779
Director:	Donald McLain-KB8RAD	Ph: (517) 694-0812
Director:	Jim Harvey-KA8DDQ	Ph: (517) 882-5796
Tres./Mem. Ch:	Jeff Oberg-KB8SXX	Ph: (517) 712-1302
Repeater Trustee:	Dennis Boone-KB8ZQZ	email: drb@msu.edu

LCDRA Call: W8BCI

**Meetings: Quarterly on the third
Thursday of the month, beginning at
7:00pm. Meetings are held at
Fire Station #8, Marshall St, Lansing**

Show Your Support for Amateur Radio and Join CMARC & LCDRA Today!



JOIN TODAY!

Central Michigan Amateur
Radio Club, Inc.

As a licensed Amateur, you can **sign up today** as a Full Member. As a Full Member of CMARC, you will receive voting rights and an annual subscription to 'The SCOPE'.

This newsletter is filled with Club News, special interests and events.

Sign up today as an Associate Member and it includes an annual subscription to 'The SCOPE'. (no voting rights as an Associate Member)

New licensees are now eligible for a *one FREE year membership* at CMARC and **Under 18** licensees are *eligible for FREE membership!*

JOIN TODAY!



Lansing Civil Defense
Repeater Association

Any Licensed Amateur can become a member of LCDRA for ONLY \$15 a year! Just sign up today and as a member, you'll receive an annual subscription to "The SCOPE", as well as, voting rights in the Association. All Hams under 18 yrs. are *eligible for FREE membership!*

LCDRA owns, operates and maintains four Lansing Area repeaters, and while use of the repeaters does NOT require membership in LCDRA or CMARC, your support is **very appreciated!!**

Name _____ Callsign _____

Address _____ City _____ State _____

ZIP _____ Phone _____ Lic. Class _____

ARRL Member? _____ Birthday _____ Wedding Anniversary _____

Year 1st Licensed _____ Please supply email for SCOPE mailing _____

Full ☐ Associate ☐ New Licensee (1 yr free) ☐ Under 18 (free) ☐

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

Please make your checks payable to "CMARC" and mail to:

Jerry Waite KD8GLN
2816 Cabot Dr
Lansing MI 48911

Name _____ Callsign _____

Address _____ City _____ State _____

ZIP _____ Phone _____ Lic. Class _____

ARRL Member? _____ Birthday _____ Wedding Anniversary _____

Year 1st Licensed _____ Please supply email for SCOPE mailing _____

Membership in LCDRA is \$15.00 per calendar year
(Add a family member for only \$7.50 per person, per year.)
LCDRA maintains our four local repeaters
and your support is greatly appreciated!!
(Membership is not required to use our repeaters.)

Please make your checks payable to "LCDRA" And mail to:

Julie McLain KB8ZXR
4444 Sycamore St. #1Holt, MI 48842

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



Central Michigan Amateur Radio Club

THE SCOPE

Lansing Civil Defense Repeater Association



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