



THE SCOPE



Lansing Civil Defense Repeater Association

centralmiarc.com

Serving Our Community Since 1921

lcdra.net

Our Appreciation

Thanks again to Mr. Larry Camp/WB8R, the ARRL Great Lakes Division, Michigan Section Manager for being our speaker for March. For those that are interested in learning more about Do It Yourself in Ham Radio, please visit the following link! <http://www.arrl.org/wedothat-radio-org>

Also at the meeting, your very own Scope editors were given an award for placing Third in the Michigan Section 2011 Newsletter contest. This award means a lot to us as we try our best to put out a quality newsletter. Thank you so much to those who submitted the newsletter into the contest and to all of those who contribute to The Scope. All of you make it the great and informational newsletter that it is! - Dan/WX8MOJ & Dawn/KD8MWA Beuchert

APRIL'S CMARC MEETING

Our program speaker for April is Mr. Jeff Kludy/KG8NT, who works for the city of Lansing as the Chief Radio Technician in charge of all Public Safety technology. In addition to overseeing the Lansing Police Department Radio Shop, he is also responsible for maintaining all video, audio, and alarm technology within the city's Police and Fire departments, as well as, maintaining the Civil Defense siren alerting systems. He will be discussing the FCC's Narrowbanding Mandate for all Part 90 radio services operating in the 150-174 MHz and 421-512 MHz bands, which goes into effect on January 1, 2013. He will also discuss "rebanding" in the 800 MHz band which is a process to get all of the Sprint/Nextel frequencies separated from the public safety frequencies and is currently affecting the 800 MHz State Radio System. We certainly look forward to having a great time so come on out and join us for a very interesting and informative meeting! For more information you can check out our website at www.centralmiarc.com or just get a hold of Club contact Don McLain/KB8RAD at (517) 694-0812 or KB8RAD@arrl.net

TECHNICIAN CLASS

Starting Saturday, April 14, the Central Michigan Amateur Radio Club will be holding a class for those wishing to earn their Technician level Amateur Radio license. The class will be held at the Salvation Army, 701 West Jolly Road in Lansing. The Saturday class dates are April 14, 21, 28 and May 5, 12, 19. The class has been registered with the ARRL and the instructors will be Tom Rocheleau/WA8WPI, Daniel Beuchert/WX8MOJ and Jon Seaver/N8SUA. There is no cost for the class itself, but the recommended book for use in the class is "The ARRL Ham Radio License Manual". The normal price for this book is \$29.95. As a registered instructor with the ARRL, Tom Rocheleau/WA8WPI can get the book for \$22.47, a substantial discount. He cannot, however, return any books ordered at this price, so he will need payment in advance. The absolute deadline for payment and ordering these books at this discount is April 9. For more information, contact Tom at: wa8wpi@frontier.com

Scoping out THE SCOPE

|| Meeting Schedule
Page 2

|| Meeting Minutes
Page 5

|| Banquet Flier
Page 9

|| CMARC Trunk Sale!
Page 10

MEETING SCHEDULE

GROUP	CMARC 	ARPSC 	LCDRA 
DATE	04/13/12	04/16/12	04/19/12
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

4/3	Ed Liebler	W8NRE
4/7	Jim Hannah	KC8QWH
4/7	Richard McGuire	KI8C
4/8	Troy Creed	W8TCC
4/09	Erv Bates	W8ERV
4/10	Bob Berger	K8RDN
4/11	Grace Switzer	N8NJT
4/17	Roy Oakley	KE5AZI
4/18	Dan Forrester	KC8HDV
4/22	Dan Fuller	W8VVR
4/27	Sharon Waite	KD8HHK

Anniversaries

4/2	Bob K8RDN & Ann Berger
4/7	James Lakin W8JRL
4/8	Lee Durrwachter KA5NHU
4/20	Roy KE5AZI & Robin Oakley
4/24	Linda/K8LCC & Wayne/W8QG Conklin
4/30	Lynn Allen N8FIQ

May

Birthdays

5/2	Corey Bulock	KD8BOQ
5/2	Paul Keefer	KB8YQZ
5/7	Gary Grabenstein	W8CKW
5/11	Eugene Brown	KK4DIY
5/12	Robert Kerr	KD8HHM
5/14	Matt Warncke	W8MAT
5/15	Jason McLaughlin	KC8RBK
5/19	John Doornhaag	KD8NNQ
5/21	Dennis Hale	KD8HPY
5/25	John Crawford	N8LLC
5/27	Marie Watson	KC8NOI

Anniversaries

5/5	Michael VanAtta	KC8WRQ
5/6	Roger (AB8RX) & Deanna (KD8BDI) Barnhill	
5/19	Robert Kerr	KD8HHM
5/20	Dennis Hale	KD8HPY
5/21	John Ingraham	N8GL
5/26	James Harvey	KA8DDQ

VE TESTING SESSIONS

Ingham County VE Group

Location: Ingham County Sheriff's Dept. Mason
Contact: Don McLain/KB8RAD (517) 694-0812 KB8RAD@arrl.net

Thursday at 7:00 p.m.	April 5, June 7, August 2, October 4, December 6
-----------------------	--

Saturday at 11:00 a.m.	May 12, July 14, September 8, November 10
------------------------	---

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 14, June 9, October 13, December 8
------------------------	--

Corunna VE Team

Location: American Red Cross, 702 Corunna Ave, Corunna MI 48817-1230
Contact: Thomas Carpenter (K18AS) (989) 277-2262 ki8as@charter.net

Thursday at 7:00 p.m.	April 26, June 28, August 23, October 25, December 27
-----------------------	---

April Tea Time Ladies' Days

April 2nd – Ann & Bob/K8RDN Berger's 46th Anniversary!

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

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

April 24th – Linda/K8LCC & Wayne/W8QG Conklin's 36th Anniversary!

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



May Tea Time Ladies' Days

May 19th – Shannon Raney WA2NVK

May 27th – Marie Watson KC8NOI

APRIL LADIES TEA TIME LUNCHEON

Well, hopefully the April Luncheon will actually take place this time! I don't know, but it seems I've been striking out in picking my dates this year, or maybe it's just the location! In January we were supposed to go to Bob Evans, but I had to cancel because of the weather, so I decided to reschedule another try at Bob Evans for our March Luncheon...but then forgot it was on the same day as the Marshall Swap (oops!), so I had to cancel again! Okay, so what's that saying "Three times a charm", or is it "Three strikes you're out!" Whatever, let's try it again!! Please be sure to join me on Saturday, April 21st at 12:30 pm for our next Ladies Tea Time Luncheon and yes, we're still going to try meeting at the "Bob Evans Restaurant" located at 900 American Road in South Lansing. Remember Ladies, you don't need a Ham License to take part in our get-togethers; you only have to enjoy food, fun and fellowship!

Please RSVP by Friday, April 20th by contacting me at: (517) 694-0812 or KB8ZXR@AOL.COM. I really look forward to seeing you and hope you'll all be able to join us!

~Julie McLain, KB8ZXR~

Ladies Tea Time Luncheon Coordinator

The Ladies Tea Time Net!

Please join us every Tuesday evening at 7pm on the 145.39 repeater (100 Hz PL) for the Ladies Tea Time Net. All Ladies are welcome...and so are our Gentlemen!! Remember Ladies, even if you're not licensed, you can still check in! That's right, as long as you have a Ham husband or friend who's willing to act as Control Operator, you can talk "Third-Party" on THEIR callsign! So, just pour yourself a nice hot cup of tea, grab the mic and join us. I'll be listening for you!!

~ Julie/KB8ZXR, Ladies Tea Time Net Control~



What's My Sign?

By: Julie McLain KB8ZXR

I was born on July 18, 1965 in Saginaw, Michigan. My father worked until he retired for GM (at the Grey Iron Foundry) as a machinist and squeeze cast aluminum R&D specialist. My mother was a stay-at-home mom, and I have one brother (who recently retired from the US Army in Colorado Springs, CO). I attended the Saginaw Valley Lutheran High School and after graduating in 1983, I went on to attend Delta Community college, getting an AAS in Electronics Engineering Technology in 1986. I then enlisted in the United States Air Force for 4 ½ years working as a Seismic Analyst for AFTAC (Air Force Technical Applications Command), studying seismic events in order to determine if they were caused by natural phenomena or by clandestine nuclear explosions. For 10 months I served in Denver, Colorado and then served for 2 ½ years at two consecutive overseas assignments to Detachment 421, Alice Springs, Australia, a remote seismic station in central Australia. I finished up my last year of enlistment in Cocoa Beach, Florida in 1991. I then went on to Delta Community college where I got an AAS in Pre-engineering in 1993, and in 1995 I graduated from MSU with a B.S. in Electrical Engineering.

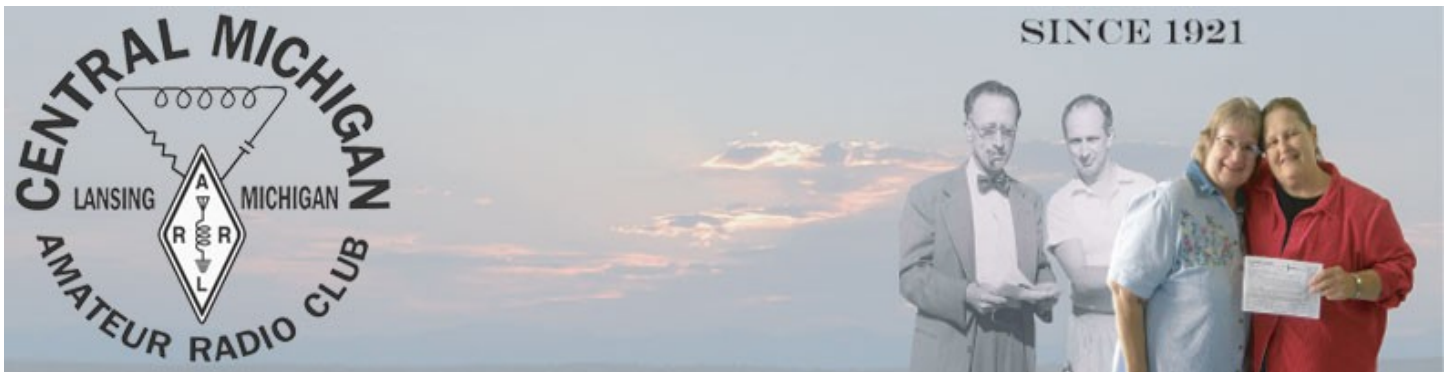
I met my sweetheart, Laura, through a common friend in October 1986 at Ferris State University (at the Wesley foundation), as we were preparing to go and see Petra and White Heart in concert at Grand Valley State University. It was on a humid, but otherwise perfect day on July 11th in 1992 that we got married. We have three children, Austin (15), Julia (13) and Jason (11). I currently work as the lead design engineer for a small electronics company in Okemos, where we build miniaturized shock and vibration recorders for the aerospace industry. I also manage a subsurface data center at Michigan State University for the Seismic Department. This fall I'll cease work as design engineer and begin my studies as a full-time graduate student at MSU, studying for a PhD in Geophysics. I expect this will take about four to five years to complete.

My interest in Amateur Radio all began when my grandfather (Randy Genske), who was a radio operator for the U.S. Coast Guard and Ham since at least 1939, gave me some Ham magazines. When he retired in 1972 and moved to San Diego, he gave me his entire collection of QST, Popular Electronics and Radio Electronics, and then kept the subscriptions renewed until I was 20 years old. Together, we had every issue back to 1940. Before he passed away in 1996, I promised him that I would some day get my license. So, in the fall of 2010, at an Ingham County VE Group exam session in Mason, I passed my Technician exam, upgrading to Extra about three months later.

My shack consists of multiple ICOM IC-V8000 radios, several Yaesu HT's, and a Kenwood TS-680S which is interfaced via serial link to Ham Radio Deluxe software. The Kenwood uses two antennas: a W5GI Mystery Antenna that tunes most every band via a tuner, and a converted Solarcon A99 vertical for working 10-meters. They are mounted at approximately 36 feet, and 100 watts generally gets us pretty far. My favorite band is presently 2-meters with an EchoLink connection. My base 2-meter rig uses a home made Super J-pole, which is a conventional copper J-pole with an additional half-wave stub on-top. With this setup, I've made contacts on 2-meters as far as 380 miles. My second-favorite bands are 60-meters, as well as 10-meter FM at 29.600 MHz, where I've made lots of contacts into California, Washington state, and Vancouver in British Columbia. In addition, I'm interested in satellite uplinks and downlinks, and want to do signal bounce off weather balloons on 2-meter/440 MHz. I also want to experiment with high speed data telemetry using the microwave spectrum.

When Julie asked if I had any words of wisdom to pass along, I replied, "It's easy for us to say 'I can't'", such as, 'I can't move, or it hurts too much.' I would rather say 'I presently struggle with.' It offers us so much more in terms of attitude and tenacity. Tenacious people don't ever stop struggling. Tenacious people are the ones we read about who persevere and continue to succeed despite the odds. Tenacious people are movers, achievers, explorers, inventors, artists and heroes, and I want to be one of those kinds of people my whole life. I don't want to be afraid of 'What might happen'. Instead I want to find out 'What could happen!'"

There, now that we have become a little better acquainted, "What's My Sign?" My Callsign is NE8K and my name is Dan Burk. My son is Austin, KD8OUY.



CMARC BOARD MEETING March 9th, 2012

President Corey/KD8BOQ brought the meeting to order at 7:07 pm. with the following Board members in attendance: Vice President Don/KB8RAD, Treasure Jerry/KD8GLN, Director Dan/WX8MOJ, Director Sharon/KD8HHK , Under 22 Director Matt/KD8OOS, excused was John/KC8QZB.

- Corey/KD8BOQ reported that Paul/AB8VN is requesting life membership. The membership records will be checked and then will be discussed.
- The field day committee just had a planning meeting. They are looking at Williamston/McCormick park, Mason at the [Ingham County] Fairgrounds and Mason/Rayner park right next to the fairgrounds. The committee is deciding between Rayner park and McCormick park tonight and whether or not to rotate between the two parks. The committee decided to go to Mason/Rayner park this year and next year we will go to Williamston.
- Dan/WX8MOJ reported that he has not been able to make contact with the ARRL so far.

With all business concluded Don/KB8RAD made a motion to adjourn, seconded by Jerry/KD8GLN and approved. The Board meeting closed at 7:30 pm.

CMARC MEETING MINUTES March 9th, 2012

President Corey/KD8BOQ called the meeting to order at 7:40 pm. 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 51 people in attendance (45 members and 6 visitors). Our guests were: Derek/KC8VKB, Ed/W8QJE, Justin/KD8JEL, Brian/KD8IUL, Mary Tillitson, Larry/WB8R. Our speaker for the evening was Larry/WB8R.

CARDS AND FLOWERS REPORT:

Jane/KC8FSK reported that "Get Well" cards were sent to: A get well card was sent to Jean Devendorf.

INTERESTING DX CONTACTS:

- Dan/NE8K made several dx contacts
- Ken/KC8LTL made contact with Guam.

- Another ham made contact with Kuwait.
- Greg/WB8LZG made contact with Australia several times early in the morning this week.
- Don/KB8RAD reported that there has been several checkins from around the world on the breakfast club net by way of echo link from the "DODROPIN" conference server (7am to 11am eastern time).

ANNOUNCEMENTS:

The next CMARC meeting will be on Friday, April 13th at 7:30 pm.

OLD BUSINESS:

- A motion to accept the February Secretary's Report as printed in the March SCOPE was made by Erv/W8ERV, seconded by Jim/KC8QWH and approved.
- A motion to accept the February Treasurer's report as printed in the March SCOPE subject to annual audit was made by Bernie/W8BFG, seconded by Don/KD8BD and approved.
- Jim/KC8QWH reported that the field day committee looked at several sites. This year we will be at Rayner park right next to the fairgrounds in Mason, and next year we will be at McCormick park in Williamston, one block North East of the main four corners in Williamston.
- There was discussion about the QSL card contest and that there were others that would like a chance to enter a card. Dan/NE8K made a motion to table the voting on the QSL card contest until June, 2nded by Don/KB8RAD and approved.
- Mike/WA8KZY reminded everyone about the Skywarn training on April 7th at 9:30 am. To sign up go to lansingarpssc.com and on the left side under Skywarn click on the "training" link. The speaker will be Jim Geyer/KD8CHU. The event will be at Lansing Community College west campus. There will be no lunch this year as the training will be done by noon.
- Bill/WD8NYW reported that there is a net called the "no name net" on Thursdays at 9pm on 28.525 mhz in the Lansing area but sometimes they have check-ins from Florida.

NEW BUSINESS:

- Julie/KB8ZXR reminded everyone that there will be no meeting in May due to the Ladies night Ziegenbein awards banquet on Friday May 11th at 6pm at Delhi Cafe on Willoughby Rd. Please fill out an "order form" as there are 7 entrees' to choose from and rsvp by Friday April 27th with Julie McLain/KB8ZXR at: (517) 694-0812, or Email at: KB8ZXR@aol.com or Snail Mail me at: 4444 Sycamore St., Apt. 1; Holt, MI 48842. Remember nominations are due by March 15th and should be sent to:
 Ronald S Harger
 5685 W Columbia Rd
 Mason, MI 48854
 USA
 ATTN: Ziegenbein Nomination
 OR
 Email to: Ron Harger rharger@cablespeed.com
<http://www.centralmiarc.com/ziegenbein.html>
- Tom/WA8WPI reported that there be a technician class starting April 14th at the Salvation Army at 701 w Jolly Rd on Saturday at 3pm for about 2 hours. The class will run about 6 or 7 weeks or so.
- Corey/KD8BOQ reminded everyone about the trunk sale that will be on Saturday July 28th 2012 at 8am.

50/50 DRAWING:

Randy/KD8MOK won \$19.50 in tonight's drawing.

BREAK:

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


MAIN PROGRAM AND/OR SPEAKER:

Larry/WB8R was our speaker for the evening. He put on an interesting program on an overview of the current state of Amateur Radio.

With all business being concluded, John/N8JI made a motion to adjourn and 2nded by Michael/KC8ZLQ and approved.

With all business being concluded, we adjourned at 8:16 pm.

John/KC8QZB – Secretary

March 2012 Treasurer's Report	
Primary Share Acct. (Humphries Fund)	\$1087,46
Business Checking	\$2399.17
Net Worth	\$3486.6
Youth Fund Balance* (as of 02/28/10)	\$189.69
Building Fund (Club Station)	\$9.09
<i>*separate from CMARC Funds</i>	
 Submitted, Jerry Waite/KD8GLN - CMARC Treasurer	

HAMFESTS

Saturday, April 7, 2012 - ARGYL Hamfest & Computer Show

Location: Lowell, MI

Sponsor: Amateur Radio Group of Youth in Lowell

Website: www.argyl.org

Saturday, April 14, 2012 - Milford Swap and Shop

Location: Highland, MI

Sponsor: Milford Amateur Radio Club

Website: www.qsl.net/w8ydk

Saturday, May 5, 2012 - Cadillac Amateur Radio and Computer Swap

Location: Cadillac, MI

Sponsor: Wexaukee Amateur Radio Club

Website: www.wexaukeearc.org/other-area-clubs.html

Ham Gear For Sale

At the next meeting we'll have a table with the following. The proceeds will go to Judy Gamon, the daughter of Dr. James Gamon, K8ACF, who died several years ago. Dr. Gamon was an outstanding equipment builder, careful and meticulous. He built most of the things himself.

- Heathkit Tube Checker, Model TC-3--\$45.00.
- Heathkit regulated power supply, Model IP-32.-- @20.00.
- Heathkit Oscilloscope, Model OM-3--\$25.00.
- Heathkit grid dip meter, Model GD-18--\$15.00.
- Bell & Howell microphone, Model CA 803 (made by Shure Brothers)--\$45.00.
- B&W coaxial switch--new--Model 550-A. Best offer.
- B&W coaxial switch--used--Model 550-A. Best offer.

In addition, there will be some free things, among them headphones, a metal antenna base, and an intriguing box with a tube t on top that's apparently an audio oscillator--plus other free stuff. -Bill Coté, WD8NYW

I am hoping that some of you may be able to help me with selling/disposing/giving of some ham radio equipment which belonged to my husband (Phil Holden W0RUK) who recently passed away after a long illness. He had been looking forward to getting back into ham radio and had even purchased new equipment (Omni VII from TenTech).

Please contact Linda Holden by email at lindaholden@att.net if you are interested in the following:

Equipment of Phil Holden W0RUK, Silent Key

- Drake TR-4 Sideband Transceiver w/attached TR & VOX switch bracket
- Drake L-4 PS Power Supply
- Drake RV-4 Remote VFO
- Drake SPR-4 Communications Receiver
- Johnson Viking KW Match Box
- Heathkit HW-101 SSB Transceiver
- Heathkit HP-23 AC Power Supply
- Heathkit HD-15 Hybrid Phone Patch
- Heathkit IM-11 Vacuum Tube Voltmeter
- Heathkit PM-2 Mobile Tuning Meter
- Hallicrafters S-38E Receiver
- DOW KEY keyer paddle
- Martin Flash Key keyer paddle
- MFJ CWF-2 CW Filter
- BUD Codemaster (code practice oscillator)
- Magnavox D2935 AM-FM-SW AC-12VDC-battery Multiband Receiver
- Sears 472.24110 250 Multichannel Receiver
- Sony ICF-34 AM-FM/TV/weather 4-band radio
- General Electric Dual Speaker AM-FM Receiver
- Sankyo ST-30 Cassette-Corder

Miscellaneous Accumulation: Headphones, Speakers, Cables, Transformers, Soldering irons and guns Books and Magazines, Etc. More equipment is apt to be found. There are manuals for some of the equipment. A new Ten-Tec Omni VII setup may possibly be available.



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 11, 2012 at 6 p.m. Sharp!!

WHERE: Delhi Café, 4625 Willoughby Rd. in Holt

**WHY: To Honor our Ladies and Present the Ziegenbein Award, as we
Enjoy Good Food, Fellowship and Entertainment With Our CMARC Family!**

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

Reservations/Orders **MUST** be turned in by **Friday, April 27th!! SEND ORDERS ONLY, DO NOT SEND MONEY!!** You can pay Delhi Cafe, 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:

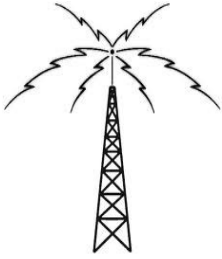
- _____ 1.) Chicken Western (Breast with Broccoli & Cheese) served w/rice and salad - \$12.25
- _____ 2.) House Sizzler served w/baked potato and salad - \$12.95
- _____ 3.) Broiled Cod served w/baked potato and salad - \$12.95
- _____ 4.) Chef's Salad w/choice of dressing - \$11.25
- _____ 5.) Swiss Steak served w/mashed potato and salad - \$11.25
- _____ 6.) Lamb Shank (topped w/green beans) w/oven brown potatoes & Greek salad - \$14.25
- _____ 7.) Spinach Pie served w/rice and Greek salad - \$11.25

All dinners include coffee or tea. Tax and tip are NOT included.

CHILDREN MENU (under 12)

- Hamburger with fries and drink - \$5.00 (Tax and tip not included)
- Chicken Fingers with fries and drink - \$5.00 (Tax and tip not included)

2012 CMARC TRUNK SALES



AMATEUR RADIO AND COMPUTER EQUIPMENT

(Please, no junk or flea market sales!)



FREE TRUNK SALE SPOTS!!
AND
FREE ADMITTANCE!!



For the Ladies!

Saturday, July 28 2012
8am – 1pm
at
Holt Christian Church
2424 S. Washington Rd.
Lansing, MI 48911-7207



Hobo Jo the Clown will be around for all the kids from 10am-12pm with balloon animals and face painting!

Don't forget to indulge in something sweet at our Homemade Baked Goods table! We'll also have Coffee, icy cold soft drinks and chips for your snacking pleasure!!

Talk-in on
145.39 (100 Hz PL)

~See Map on Back~

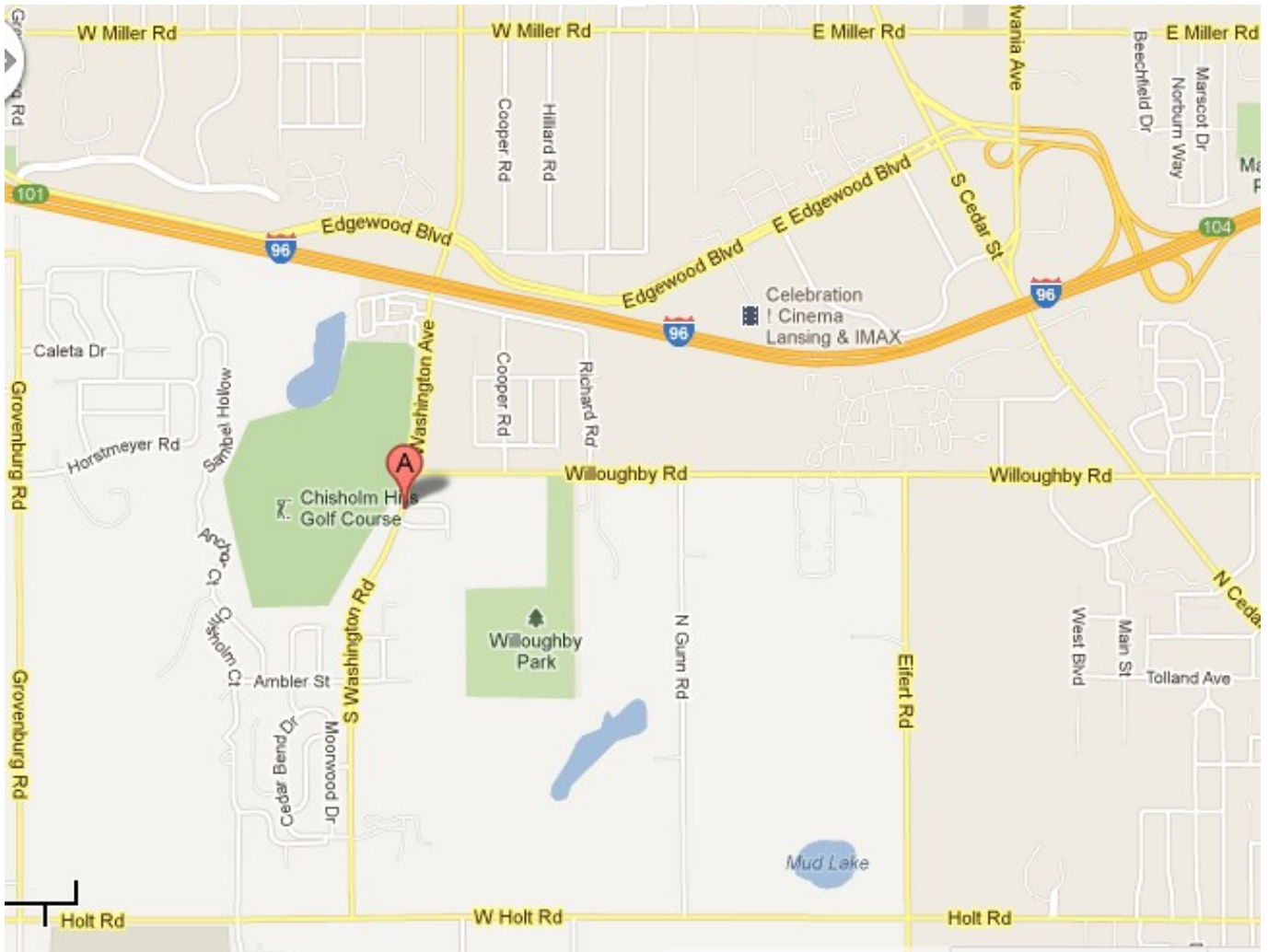


Stappywear will be on hand with samples and taking orders for Ham-related embroidered apparel!



Holt Christian Church
2424 S. Washington Rd.
Lansing, MI 48911-7207

Talk-in: 145.39 (100 Hz PL)



PLEASE COME OUT AND JOIN US FOR A FUN TIME!!

NETS in the Greater Lansing Area

"The Breakfast Club Net" meets EVERY weekday morning from 7am to 11:30am on the 145.39 repeater (PL 100 Hz), with Net Coordinator Don McLain/KB8RAD. This Net has been around now for over TWO YEARS (since September 24, 2009) and usually has at least 60 check-ins per morning, but the NEW all-time record is 82 people in one morning (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 Dan/NE8K, EchoLink is now available each morning, 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 from your computer or cellphone at your convenience, so stop by in the morning and say, "Hello!" While you're at it, why not join "The Breakfast Club Net" Facebook page!! We already have 110 members and would love to count YOU among us!!

www.facebook.com/groups/112208875498362/

The **"Central Michigan Slow Scan TV Net"** meets every Sunday evening from 7:00- 8:30pm (Winter hours) 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. Also, you can click on www.ab8zl.com during the Net to see the photos being sent.

The **"Lansing Area/Ingham County Amateur Radio Public Service Corps Training Net"** meets every Monday night at 7pm on the 145.39 repeater (PL 100 Hz), except for the 3rd Monday, which is meeting night. Volunteer Net Control Operators are needed each week, 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 night at 7pm on the 145.39 repeater (PL 100 Hz), with Net Coordinator Julie McLain/KB8ZXR. Everyone is welcome to check in—even all you guys!! This Net's been around now since July 3, 2007 so lets keep in 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 and say "Hello!"

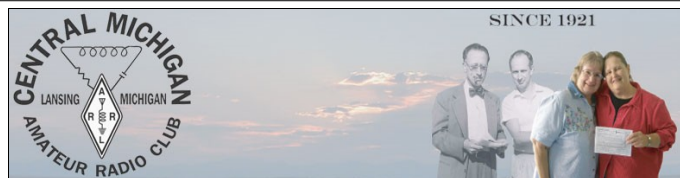
The **"Mid-Michigan Information Net"** meets every Wednesday night at 8:00pm on the 145.39 repeater (PL 100 Hz), with Net Coordinator Don McLain/KB8RAD. This Net has been around now since November 11, 2009 and is still growing!! Be sure to join Don for a time of FUN, FELLOWSHIP, and helpful INFORMATION!!

The **"Michigan Radio Amateur Youth Net"** (or MRAY), meets every Thursday night at its NEW time of 7pm on the 145.39 repeater (PL 100 Hz), with Net Coordinator Matt Miller/KD8OOS. 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 young people!!

**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:	Corey Bulock-KD8BOQ	Ph: (517) 930-2372
Vice President:	Donald McLain-KB8RAD	Ph: (517) 694-0812
Secretary:	John Hosford-KC8QZB	Ph: (517) 712-8381
Treasurer:	Jerry Waite-KD8GLN	Ph: (517) 882-5406
Director:	Dan Beuchert-WX8MOJ	Ph: (517) 604-1379
Director:	Sharon Waite-KD8HHK	Ph: (517) 882-5406
Under 22:	Matt Miller-KD8OOS	Ph:
Cards/Flowers:	Jane Hosford-KC8FSK	Ph: (517) 648-8240
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 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	Ph: (517) 525-1348 Ph: (517) 604-1379

**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:		
Director:	Jan Bradfield- KC8BFK	Ph: (517) 202-1779
Director:	Donald McLain-KB8RAD	Ph: (517) 694-0812
Director:	Jim Harvey-KA8DDQ	Ph: (517) 882-5796
Treas./Mem. 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, 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

Lansing Civil Defense Repeater Association

As a licensed Amateur, you can **sign up today** for only \$15. As a member of LCDRA, you will receive an annual subscription to 'The SCOPE', as well as voting rights in the Association.

LCDRA oversees the operation and maintenance of all Lansing Area repeaters. Use of the repeaters does NOT require LCDRA or CMARC membership, but your support is welcome and appreciated.

Name		Callsign
Address		City State
ZIP	Phone	Lic. Class
ARRL Member?	Birthday	Wedding Anniversary
Year 1 st Licensed	Please supply email for SCOPE mailing	
Full <input type="checkbox"/> Associate <input type="checkbox"/> New Licensee (1 yr free) <input type="checkbox"/> Under 18 (free) <input type="checkbox"/>		
Full Membership \$15 per calendar year (must be a licensed Amateur to obtain a Full Membership) Associate Membership \$5 per calendar year. Please make checks payable to CMARC		
Mail Your Check or Money Order 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 1 st Licensed	Please supply email for SCOPE mailing	
LCDRA Membership is \$15 per calendar year (add a family member for only \$7.50 per person, per year.) LCDRA maintains our local repeaters and your support is appreciated. (Membership not required to use repeaters.) Mail Your Check or Money Order To: Lansing Civil Defense Repeater Association P.O. Box 4, Eagle, MI 48822-0004		

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

centralmiarc.com Serving Our Community Since 1921 lcdra.net

CMARC	ARPSC	LCDRA
WWW.CENTRALMIARC.COM/	WWW.LANSINGARPSC.COM/	WWW.LCDRA.NET