



The Scope

Central Michigan Amateur Radio Club Lansing Civil Defense Repeater Association

June 2016
Volume 16
Issue 6

CMARC Annual Field Day Meeting

It doesn't seem possible that an entire year has gone by since last year's Field Day. Well it has, and this year's event will be a great time to try your hand at some portable operating.

Whether you like to operate CW, SSB, Digital, or VHF/UHF, there is something for you at Field Day. If you have never operated a Field Day station before, this is your chance to try it out. If operating on something other than a repeater or EchoLink is foreign to you, and want to see what the hype is all about, then we have a GOTA (Get On the Air) Station just for you. This is a special station manned by one of our experienced operators, who will assist you in making your first HF contact. You will learn the proper way to make and log each contact. You can expect to make contacts with many other stations around the country and Canada. Believe me, after you are bitten by the HF "bug", and you get a few contacts under your belt, you will be well on your way to becoming a seasoned Field Day operator.

See more details of all our Field Day operations later in the Scope.

**When: CMARC Monthly Meeting
7:00 pm, Friday, June 10, 2016**

**Where: Salvation Army South Corp
701 W. Jolly Rd., Lansing, MI 48910**

For more information, you can check out our website at www.centralmiarc.com or get a hold of Club contact Don McLain/KB8RAD at KB8RAD@arrl.net.



Inside This Issue

Birthdays, Anniversaries,		Portable Operation	9
Treasurer's Report , Mtgs	2	Classified Advertising	10-11
License Plate Project	3	Meeting Minutes	12
Field Day Updates	3-5	CMARC Classifieds	13
Ziegenbein Winner	6	Net Info & Officers	14
Upcoming Special Event	7		
Four Days in May 2016	8		

June Birthdays

6/2 Clyde Tompkins / K8CPT
 6/4 Kaydence Weaver
 6/7 Brian Wellwood / KD8ONC
 6/8 Robert Strobel / KB8DDQ
 6/12 Ted Sadilek / WA8MFQ
 6/14 Bob Woolever / KE8AGO
 6/17 Jerry Waite / KD8GLN
 6/24 Sean Murphy / KD8UTL
 6/25 Gregg Mulder / WB8LZG

June Anniversaries

6/22 Ted / WA8MFQ and Bev Sadilek
 6/24 Garry / KC8MAD and Marie / KC8NOI Watson

Upcoming Meetings

ARPSC



The ARPSC meeting for the month of June is at 7:00pm on Monday, **June 20th**. We will be meeting at Ingham County Sheriff's Department off Curtis Road in Mason - Sgt. Cole Training Room.

For information about the ARPSC please check out our website at www.lansingarpsc.com

Public Service Events

RACES

Date: **July 5-10, 2016**
 Event: Common Ground
 Time: 4:00 PM
 Location: Lansing Fire Station #1
 Contact: Jim Hannahs / KC8QWH
 Email: ginhannahs@gmail.com

Treasurer's Report 2016

John Doornhaag / KD8NNQ - CMARC Treasurer

Bank Balances for May	
Beginning Balance	\$4,533.73
Total Income for February	\$16.02
Total Expenditures thru Feb 20	(\$827.57)
Total Business Checking	\$3,722.18
Petty Cash	\$41.00
Sub Total	\$3,763.18
Primary Share Accounts	
Humphrey's Fund	\$1,092.74
Building Fund (Club Station)	\$9.09
Field Day	\$472.79
Total Net Worth	\$5,337.80
Youth Fund Balance*	\$253.78
* Separate from CMARC Funds	

VE Exam Session

Lansing, MI

Date: **6/25/16**
 Time: 11:00 AM (Walk-ins allowed)
 Sponsor: Ingham County VE Group
 Contact: Don McLain / KB8RAD
 Email: KB8RADon@aol.com
 Location: Rayner Park
 Mason, Michigan

Do You See Your Plate??

By Russ Fitzgerald / N8FZ



If not, it's not too late. The club is trying to collect as many ham call license plates as possible from our members for a display in the club

shack redesign project. Check your garage, shed, or basement and see if you have an old plate kicking around. Year or condition doesn't matter. Can't find one but still would like to participate? No problem. Here's what you do. The State of Michigan will let you order a replacement plate at any time, you do not need to wait for a renewal. All you need is a copy of your license Amateur Radio Operator form from the state (I have plenty of these), and a check to the state for \$2.00 for the standard plate or \$7.00 for the graphic bridge plate. When it arrives you use the new plate on your vehicle and donate the old one or donate the new one.

If you have any questions please call 517-899-2622 or email russf221@aol.com or see me at the next meeting I have the forms with me.

Attention those who want on-the-air Morse Code (CW) practice:

Gregg Mulder/WB8LZG and Ed Oser/W8EO began an on-the-air CW net on Thursday nights between 7:00 and 8:00 pm on the 145.39 repeater. The beginning portion of the net they accept check-ins. During the later portion, they conduct code practice with code oscillators at 5 wpm.

If you see a benefit to having a net like this, and you are available during that time, please check in and support the net.

CMARC Field Day 2016 Update

By Ron Harger / KD8BCS



We still have a need for folks to sign up to help move tables and chairs from the Salvation Army to and from the Field Day site, as well as canopy setup & teardown. Also the food signups could use some help. The latest signup sheet follows this article. We will also have the signup sheet at the meeting on Friday June 10th.

As of this writing I have confirmations of a CW HF station, an SSB HF station and a GOTA station. If anyone is interested in running either an HF Digital or VHF station please let me know. We could also use some help in getting a few basic photographs of our activities and site for the bonus point submission. I have a list of specific items that need documenting. Any pictures after that would be gravy :)

Jim and Ginny Hannahs have done the bulk of the fund & food donation efforts, there are still a couple vendors that we could contact to keep our operating expenses down. I have a short list if anyone is willing to assist with that.

Over the last two years we were blessed to have the use of the 7th Day Adventist trailer for the CW station, but that will not be available for us in 2016. If anyone has a trailer/RV that they think would be suitable for our use, and would be willing to let us borrow it please let me know. If not we'll adapt and modify as needed. It's Field Day after all!

GOTA Station: To encourage participation, I have procured (5) ARRL "Get On The Air" Field Day commemorative pins to be awarded to the first five under 22 GOTA participants. Good luck!

<http://www.arrl.org/shop/GOTA-Field-Day-Pin/>

See page 4 for this year's schedule of events.

Field Day 2016 - Food Sign Up

Qty	CMARC Picnic 6:30pm Saturday	Name
3	Bags potato chips	Carl Canfield
1	Large container chip dip	
2	Bags -1 nacho, 1 corn chips	
1	bean dip & container salsa	Brian Wellwood
	Potato salad	
	Potato salad	
	Macaroni salad	
	Other salad/cut up veggies	
	Other salad/cut up veggies	
	Large watermelon	
1	Gallon cut-up fruit	
1	Gallon cut-up fruit	
	Cake-peanut butter	Jane Hosford
	Cake-chocolate	Jane Josford
	Cake-white or yellow	
	Brownies	
	cookies	Brian Wellwood
	Other Dessert	
	Other Dessert	
2	12 packs pop - cola	
2	12 packs pop - diet cola	Clyde Tompkins
2	12 packs - 1 lemon-lime, 1 diet lemon-lime	
2	12 packs - 1 gingerale, 1 cream soda	
2	12 packs - 1 orange, 1 other	
Qty	SATURDAY EVENING	Name
1	Crockpot Sloppy Joes	
1	Crockpot meatballs	
Qty	SUNDAY BREAKFAST	Name
1	breakfast casserole	
1	Dozen Bagels	
1	Dozen Muffins	
	Cinnamon Buns	
	Breakfast breads/donuts	
2	Gallons Orange Juice	
Qty	SUNDAY LUNCH	Name
	Leftovers!	

Field Day 2016 - Schedule of Events

Thursday, June 23, 2016

- » Antenna Setup (some stations) - approx. 5:30 pm at Rayner Park

Friday, June 24, 2016

- » Station Setup (some stations) - anytime after 3pm depending on Station Chair.
- » Park closes at dusk

Saturday, June 25, 2016

- » Pick up equipment at CMARC: 7:00am-8:00am
- » Site setup at Rayner Park: 8:00 am
- » VE Testing Session (confirmed): 11:00 am
- » Lunch: 12:30 pm
- » Contest Operating Begins: 2:00 pm
- » Fox Hunt Demo (Radio Direction Finding): 3:00 pm
- » Main Meal / Picnic: 6:30 pm
- » Evening Snack: 8:00 pm

Sunday, June 26, 2016

- » Breakfast: 8:00 am
- » Contesting Operating Ends: 2:00 pm
- » Food area cleanup & packing begins: 2:05 pm
- » Teardown, load tables, chairs, & canopies: 2:06 pm
- » Unload tables, chairs, and canopies at CMARC: 4:30 pm

General Site Information

- » Location: Rayner Park, across from Dairy Hill
622 E. Ash St. (M-36)
Mason, MI 48854
South side of park, end of gravel drive
- » Talk In Repeater Frequency: 145.390
- » Local Simplex Frequency: 146.580

Other Areas of Need

Here are some other areas we need help in. Please think of how you may contribute. There will be sign-up sheets at Friday's CMARC meeting if you can assist.

- (2) utility trailers: Saturday (7am-10am) and Sunday (2pm-5pm)
- One or more people to contact vendors
- Outdoor grill(s) for lunch
- (4) Large coolers for Ice/Drinks
- (6+) table clothes for picnic tables
- RG-8 and RG-8X Coax in 50-foot lengths
- People to assist with antenna setup, loading chairs and canopies, drop cord setup, setup canopies, tables, and chairs, hang lights in the canopy area, setup the food area, cook/grill the good
- Someone to make (2) food runs in Mason on Saturday
- Someone to make one food run on Sunday
- People to assist with station teardowns, packing up canopy, tables, chairs
- People to assist with Food area pickup

Congratulations to the 2015 Ziegenbein Winner



Our Ziegenbein winner is an Extra class ham who has been licensed for about 20 years, and works quietly in the background. This person enjoys contesting and has been on the CMARC Board. This person is always there to lend a hand, like helping with the website. He has a full-time job, goes to college, volunteers for his Church, and is married to Shannon/WA2NVK. He is also the Club Contesting Chairman, and the Club Station Manager. Last but not least, he is the Scope editor and spends time looking for interesting articles to put in the Scope.

The 2015 Ziegenbein Award winner is Chris Ranes/NS8Q.

Bottom four photographs provided by Michael and Stacey www.lansingmichiganphotography.com



Ladies Night Cake provided by Sam's Club



John Kelly/AA8LF playing the guitar



Special gifts for each lady made by Julie McLain/KB8ZXR-SK, Sharon Waite/KD8HHK, Cheryl Davage/DK8QFE, Leota Strobel/KD8SQD, and Jane Hosford/KC8FSK



John Kelly/AA8LF playing the guitar with his wife Nancy on Bass

Upcoming Special Event Opportunities

The 8th Annual "13" Colonies Event

The Original "13" Colonies Special Event Group Presents The 8th Annual:

4TH OF JULY WEEK - THE ORIGINAL 13 COLONIES SPECIAL EVENT

GOD BLESS AMERICA

★ INDEPENDENCE WEEK - 2016 ★

"WE THE PEOPLE"



73^r



Colonial Soldiers
Of The Revolution



This Is To Certify That:

ARS: KU2US HAS

PARTICIPATED IN THIS 4TH OF JULY WEEK
SPECIAL EVENT ON THE 4TH ORIGINAL
SAMPLE
"13" COLONIES AND THE DECLARATION
OF INDEPENDENCE OF OUR NATION IN 1776.



GB13COL



US Military Vet.



WM3PEN

KEN VILLONE: KU2US - EVENT MANAGER *Ken Villone*



13



All 13 Colony States
Clean Sweep



This Years Event Dates / July 1 (9AM EST) to July 6th (Midnight EST)

(July 1, 2016-1300 UTC to July 7, 2016-0400 UTC)

Station Callsigns and State

K2A = NY K2B = VA K2C = RI K2D = CT K2E = DE K2F = MD K2G = GA
K2H = MA K2I = NJ K2J = NC K2K = NH K2L = SC K2M = PA

Bonus Stations:

GB13COL = Durham England WM3PEN = Philadelphia, PA

- ◇ Special endorsements will be added to your certificate for contacts made with each Bonus Station.
- ◇ (1) QRP CW & SSB Operator will be available at each station to encourage those who would like to try for a QRP Clean Sweep!
- ◇ It is asked that you spot each station you work for others to find on [DX Summit](http://DXSummit.com).
- ◇ More information can be found at www.13colonies.net
- ◇ **To encourage participation / competition between our own club members, there will be a prize for each person who gets a clean sweep and brings in their certificates as proof. If you have a story to tell about your experiences trying to work these stations, please send it to cmarscope@gmail.com, and I will publish them in the July or August SCOPE.**

Four Days in May 2016

By Gregg Mulder / WB8LZG



Spring is the time when a young hams thoughts turn to Dayton ! Again this year I made the trip to Dayton to be with the QRPARCI group at their annual convention called Four Days in May. Many years ago I started coming to this gathering and the QRP crowd here is so friendly that

I just keep coming back. Thursday night starts out with Vendor nite, and all sorts of kits, gizmo's, gadgets, and homebrew supplies are available. A veritable QRPer's "gold mine" as it were. I was happy to see many of my old friends and had some good conversations catching up on the year gone by. All too soon it was late , and with the "Hamvention" kicking off early in the morning. It was time to turn in.

The next morning Hamvention was in full swing. I browsed the flea market for some bargains but passed up a few. Mostly I was content to see many of the ham gang from MSU and Alumni too. Friday evening found us all at "Rob's" for dinner and fellowship. Good turnout there, think I counted 17 of us Hungry Hams.

Friday night brought something new, "Club nite" at FDIM. I hung out the "MSUARC" banner and the NAQCC club signs too. I got several folks to stop by to say hello. The night also showcased homebrew builders nite. Builders bring in their "projects they have been working on all year to show and tell. There's even a contest, judging for best build. I always look forward to Richard Meisse's new "key". He is an accomplished machinist, and every year dazzles us with a new key creation. This year was no exception. He came up with a new "straight key" that would be the envy of any CW operator.

Here's a pix of the FB work he does.



There are also all sorts of different homebrew offerings to catch your eye and imagination. Many times I get inspired to build something after viewing the projects presented here. The following are but a few pictures of the many entries.



Some even rival commercial equipment in both specs and looks!



Here are some of the examples of real craftsmanship in action!

All too soon it was all over. Another year to reminisce about good friends and good times.



Hope you enjoyed the pictures as much as I did taking them ! Perhaps this will give you some inspiration too! •



73

Gregg WB8LZG

Design Advances Make Portable Operation Easier, More Fun

By Dan Romanchik / KB6NU

Dan, KB6NU, is the author of the “No Nonsense” amateur radio license study guides, and blogs about amateur radio at KB6NU.Com, and you can contact him by e-mailing cwgeek@kb6nu.com. Listen for him operating his KX1 from the park or beach this summer.



I've just returned from the Dayton Hamvention. Dayton was a blast as usual, and if there's one thing I took away from this year's event it's that portable operation is not only becoming more popular, but more sophisticated as well.

In fact, it's a virtuous circle. More sophisticated portable equipment is making portable operation more popular, which is spurring manufacturers to make more sophisticated equipment, which is making portable operation even more popular, and around we go.

This is perhaps most easily seen in the evolution of the Elecraft products. One of their first rigs was the K1, a small rig that was frequently toted out into the field, even though it wasn't really designed for that purpose. It had a small form factor, but had a conventional front panel layout.

The next evolution was the KX1. This CW-only radio was designed specifically for field work. It originally only covered 40m and 80m, and had a very limited front panel, but its built-in battery pack and KXPD1 paddle made it a great choice for portable operators when it was introduced in 2004.

A big leap forward was made when they introduced the KX3 in 2012. This radio combined a bunch of features never before found in a portable rig. The KX3 features an SDR architecture and covers all modes, including (SSB, CW, Data, FM, AM); used the same full-sized LCD display as the K3; has advanced DSP features; and can be connected to a computer via USB for firmware upgrades and for use with other ham radio software. The KX3 is so full-featured that many operators use it as their main rig with a suitable linear amplifier.

At Dayton 2016, Elecraft took this concept even further and introduced the KX2. It's about half the size of the KX3, but yet has almost all of the features of the KX3. There was a tremendous amount of buzz over this radio at Dayton among portable operation aficionados. The base price of the KX2 is \$750, and with options, will cost you about \$1,000.

Of course, Elecraft isn't the only company competing in this market. LNR Precision sells a radio called the LD-5, and at Dayton, they introduced the LD-11, which like the KX3 and KX2 features an SDR architecture and covers 160m - 6m. This radio goes for about \$800, and has also proven to be popular among portable operators.

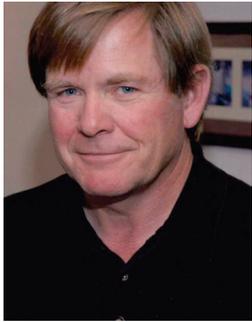
Dayton also had a number of exhibitors that supplied products other than radios to aid portable operation. There were several portable antenna manufacturers, including Buddipole (buddipole.com) and PackTenna (packtenna.com), and BiEnno Power (biennopower.com) was also there, showing off their new lithium-iron batteries,

While radios like the KX2 and LD-11, at relatively low prices, allow operators to easily get out into the field, portable operation would not be as popular as it is without organized activities. Programs like the Summits on the Air (SOTA, www.sota.org.uk, na.sota.org) and the National Parks on the Air (NPOTA, npota.arrl.org) make portable operation even more fun. These programs do this by providing a structure in which operators can find one another and gain awards for operating. SOTA did not have a booth at Dayton, but NPOTA was a big part of the ARRL section there.

If you aren't already a portable operator, you should give it a try! You don't have to invest a bunch of money in a rig to just try it. KX1s have been had for less than \$400, and simpler QRP rigs cost a lot less. Getting outside and operating in the fresh air is a lot of fun and could give you a whole new perspective on amateur radio. •

Classified Advertising -- Really Folks, It's a Hobby

By Rick McCallum / KC7MF



Well I guess I might just start a flame war (as the kids refer to provocative pieces) so before you read this mellow out and take a deep breath. Try to put homeowners associations and no-code extras completely out of your mind.

I recently posted a couple of ads in the classified section. I made a light hearted attempt to subtly poke a little fun at what some of us write in these ads. No I am not talking about typos or gear that is priced well above retail. I am talking about some of the clichés which have become common in Ham Radio Classified ads. So here goes.

Look, if the Icom 7800 that you are trying to sell is “your backup rig” then you have way too much money and ought to give the thing to me. But it seems that about 9 out of 10 radios are “my backup radio”. Well I understand this. I have a backup radio. It is an Icom 756 pro (delightful radio by the way), which I can honestly say is, only used a couple of times a month. That is if you start counting (as I suspect most people do) from the day it became my backup radio. Before that I used the bejesus out of it including the time it spent doing a couple of nets a week as the net control station. But it is just my backup rig. -- Same with a couple of amps. They are just my backup amps too. Sure they were. Now. You bought a 800 watt amp rather than a cheaper 600 watt amp. Why? So you could never run it over 500 watts. Right? My name is Rick and I have a confession to make. I ran my 600-watt amp at 600 watts. I know. It is a miracle it still works but there you have it. Confession is good for the soul. So before you put down that this or that was your “backup” or that you “never” ran your amp at its rated power, please consider that those of us who are reading your ad are about equally divided between those who do not believe you and those who do not care.

I completely understand wanting equipment that does not smell like smoke. I do not understand not wanting a

radio that has been in the room with a goldfish. What is with the “no pet household” thing anyway? Two things come to mind. If you don’t like pets then I am suspicious that you are not that nice and do not have a rich inner life. I have a cat. My cat is not allowed to operate my radio. I can say with some assurance that the cat does not know how to tune an amplifier. (As I write this I realize that the same could be said for a considerable number of hams. I mean really guys. I could tune a piano in less time than it takes some people to tune up on top of my net. And... Hams are mostly no fun to pet but then I digress.) Candor requires that I admit that I do not know what the cat does when I am away from home and I am not going to set a recorder to see OK. I get it. You claim to be violently allergic to dogs. Sure you are. If you are I highly recommend (and I think this is good advice for all of us by the way) do not attempt to snort or lick your radio. Oh I know. A hair might get into the works. Right. I am sure Kenwood has a tech note out on hair or fish scale removal. My favorite one was an ad that said the radio was used mobile but was never around pets. Look. I asked a doctor. If you are so allergic that nano-particles of goat hair send you into anaphylactic shock, I think we can safely say that you are perhaps a good candidate for a new radio rather than a used one. But if you have the aforementioned Icom 7800 and it has been around dogs, cats, gerbils, hamsters, fish (gold or tropical) or your parakeet named Mr. Chops please do not despair. I am willing to overlook this devastating flaw and give you several hundred dollars for it anyway.

So I really saw this. I am not making this up. A guy was selling a meter for \$15.00 or best offer. He said, “Paypal “add 3%. I see you all doing the math. That’s right folks. -- This wise businessman was not going to lose that 45 cents. -- And what the heck. Those who consider the 45 cents too much to pay can always make an offer. Right? Ok. I get that you want \$1000.00 for your mint in the box Flashbang Territorial Motengator 6000 but you would let it go unsold for \$30.00? As we used to say in the Army; suck it up soldier.

Continued on Page 11

Classified Advertising *continued from Page 10*

I can understand that you might not want to take Paypal for one reason or another but to try to charge the fees is not only a violation of the TOS it makes you out to be the cheap ba.... ahem, ham that you are.

I sold a Tempo 2020 one time. For those of you who do not know, this is one of the most contemptuous hanger queens that has ever been built. It is perhaps the only radio I have ever seen where the power cord is worth more than the rig. A guy wrote me and asked if it had any scratches, “even if very small” on it. He was offended when I replied, “it is 40 years old and it’s an absolute miracle it does not have a bullet hole in it”. (Well now I have offended the fine Tempo owners out there but you know I am right.) Here is a rule of thumb for sellers. If someone writes you more than three times about your item for sale, run. You may sell your radio but you will wind up adopting this ham. Then there was the time when a guy who bought a 40 year old radio from me, used it for a while, took it apart and then wanted me to pay for the parts and labor to put it back together again.

Shipping. What a pain in the behind shipping is. But please consider that you are advertising on a worldwide publication. I totally get that you do not want to ship overseas. I understand that you can’t put a stamp on that Henry Console. But, and I am not making this up, here is a shout-out to the guy who had a used 6146 tube for sale and said “local pickup only”. Ok. So he is arguably the laziest man in the world but just for fun I checked out his QTH. This guy lived so far back in the woods that they had to pump sunshine to him. A suggestion. Do not ask for local pickup if there is no local. This guy did not want to sell a tube he wanted to be rescued.

Then of course there is the highly prized “original box”. I will never understand the almost pathological quest for cardboard boxes that some hams display. It is a microphone OM. It is not an original Justin Bieber doll never opened mint in box. I live in Arizona. It is dry here. Stuff we store lasts for eons so boxes stand up pretty well here. Not so much in Hotlanta. I am not sure I even want a box that has been stored in a basement in New Orleans for a couple of decades. These days packing shops do a great job. But

Icom 7800 guy. If you don’t even have the box, on top of the horrible other issues I will still give you a few hundred dollars for your radio.

If it does not put out rated power it is broken. You need not tell me that your radio puts out the rated power right after you told me it works as it should. For that matter you do not need to tell me it works as it should. If it doesn’t you should put the fact that it is “broken” in your ad and reduce the price accordingly. Maybe this kind of comment is what passes for powerful advertising in the ham radio community. But I guess that if it is broken but you have the original box you may be better off. Maybe they sort of counterbalance in some way...



If you can’t take a cell phone picture without looking like you were drunk at the time do not post it with the ad. Take another one. Or get your 12-year-old son to do it. He is sending clear selfies to half of the people in his junior high school class. I mean really. You can work the world on one watt using a sardine can for an antenna. You have passed a test that is so difficult that you have to know what a millihenry is. You can climb a tower, tune a Swan and rotate your antenna to the heading Pitcairn by memory. But you can’t take a clear picture of an antenna tuner? You are bordering on overspecialization I think.

This is supposed to be a fun hobby. We are supposed to be a band of friends. Yet when we set out to buy or sell something we sound like a cross between nervous nellyes and barracks lawyers. I have heard the horror stories and I guess they do make one a bit timid but in all of the things I have sold I have only had the one bad experience. I like ham radio and I like hams in general. So let’s try and have some fun at this hobby. Can we all relax a bit and go with the flow. Be careful and honest. That is all that really matters when you get right down to it. But Icom 7800 guy, If you want to pay the shipping to send that dog-smelling, no box, couple of scratches, used as your main rig at full output power machine to me I will still give you a few bucks for it. Heck. I might even travel a considerable distance to pick it up. Like maybe even to Maine. •

[A special thanks to Rick McCallum/KC7MF and Clinton Herbert/AB7RG of www.eham.net for the use of this article.]

General CMARC Meeting

April 8, 2016

❖ CALL TO ORDER:

- In lieu of our regular meeting, we had our Ladies' Night / Ziegenbein Award Banquet at the Delhi Cafe in Holt.
- President Tom Rocheleau / WA8WPI brought the meeting to order at 7:27 pm.
- We had a moment of silence for our past President Julie McLain / KB8ZXR who became a silent key on April 8, 2016.

❖ ATTENDANCE:

- There 42 people in attendance.
- We enjoyed a delicious dinner, and a cake from Sam's Club.
- Entertainment was provided by John Kelly/AA8LF and his wife Nancy.
- John/AA8LF retired from making dulcimers ten years ago and now teaches music lessons. During his career he made over a thousand dulcimers. We always welcome John/AA8LF and his wife anytime, as we always have him as our entertainment.
- Ladies' gifts were knitted dishclothes made by Julie McLain/kB8ZXR-SK, Sharon Waite/KD8HHK, Cheryl Davage/KD8QFE, and Jane Hosford/KC8FSK. Thanks to Leota Strobel/KD8SQD for her help also.

❖ SILENT KEY REPORT:

- William (Bill) Serviss/KD8HHN on May 4, 2016

❖ CARDS AND FLOWERS:

- A card was sent to the family of Bill Serviss/KD8HHN and a \$40.00 donation in memory of Bill Serviss/KD8HHN was sent to:
feedONE
PO Box 219368
Kansas City, MO 64121

❖ MISCELLANEOUS:

- A motion to accept the April Secretary's report as printed in the May Scope was made by Bill/WD8NYW, seconded by John/KD8NNQ, and approved.

- A motion to accept the April Treasurer's report as printed in the May Scope was made by Dan/KD8YDE, seconded by John/KD8NNQ, and approved.
- At the June 10th CMARC meeting, we will be talking about Field Day.
- Garry/KC8MAD mentioned that volunteers are needed for the Sparrow Hike/Bike for Hospice, this Sunday, at Granger Meadow Park.
- The Board had a special meeting after the passing of our President Julie McLain/KB8ZXR to elect a new President. Tom Rocheleau/WA8WPI is our new President with Russ Fitzgerald/N8FZ taking over the Vice-President position. The Board is looking to fill the vacant Director position. You must be a full CMARC member in order to be considered for this position. Just let someone on the Board know that you are interested in filling this position.
- The Ziegenbein Committee: John Hosford/KC8QZB-Chair, Jane Hosford/KC8FSK, and Dan Beuchert/WX8MOJ presented the Ziegenbein Award for 2015 to Chris Ranes/NS8Q, our Scope Editor. Congratulations Chris!
- Special thanks for my husband John/KC8QZB who took notes for me since I was needed to help with the cake.

❖ MEETING ADJOURNMENT:

- A motion to adjourn was made by Ted/WA8MFQ, seconded by Michael/W8MKB, and approved.
- With all business concluded, the meeting was adjourned at 7:39 pm.

Respectfully submitted,
Jane Hosford/KC8FSK-Secretary

CLASSIFIED

6 element 6-meter Yagi-Uda. This Yagi is being taken down from the W8SH tower. It is a "Force 12" yagi and has been up on the mast for 20 years. It is in working condition, although it could use a good cleanup.

\$75 or best offer.

J-37 Hand Key - **\$20**

J-38 Hand Key - **\$20**

Speed-X Hand Key - **\$20**

**Contact Gregg Mulder/WB8LZG
517-646-6257 after 5pm please.**

The following items of equipment from the station of Louis Larche/ KD8BWL - SK, are still available. Listed is the suggested price for each. Please make an offer if you are interested. All the proceeds will go to Barb, Louie's XYL.

Kenwood AT-230 antenna tuner, for use with TS-830, TS-530, etc. 200 Watts, 1.8 to 30 MHz, 20 & 200 watt scales -- **\$120**

Kenwood VFO-230 digital synthesized VFO, for split frequency. 20 Hz steps. 5 memories. Designed to connect to TS-830s or TS-530 -- **\$135**

**Contact Ken Faiver/W8HNI
517-896-3570 or
kfaiver@sbcglobal.net.**

Alinco DJ-V57T HT for 2 meters and 70 cm. Radio includes a speaker mic and car battery charger. It runs 5 watts max and has 200 memories.

\$90 or Best Offer

**Contact Ed Oxe / W8EO:
eaoyer@gmail.com**

ICOM IC-746 Transceiver - **\$750**
Comes with hand mic, DC power cord, instruction manual, and service manual.

ICOM SM-8 DESK MIC - **\$100.00**

Voice Synthesizer UT-102 - **\$40.00**

Package Deal - **\$800**

All working great and look nearly new. I have the original boxes for everything.

**Contact Jim Hein/K8UHF:
k8uhf@sbcglobal.net**

Connect Systems CS700 Handheld DMR Radio - **\$150**

**Contact Joe Urdzela/K8JJU:
JJUrdzela@gmail.com**

(2) Tytera MD-380 DMR Handheld Radios - **\$150 ea.**

**Jason McLaughlin/KC8RBK:
(517) 712-0478 or
kc8rrrbk@gmail.com**

Greater Lansing Nets

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 “**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.

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 Clyde Tompkins/K8CPT.

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.

CMARC Officers and Appointees

President / Webmaster
Tom Rocheleau, WA8WPI

Vice President / Youth Liaison
Russ Fitzgerald, N8FZ

Secretary / Cards & Flowers
Jane Hosford, KC8FSK
(517) 505-7610

Treasurer
John Doornhaag, KD8NNQ
(517) 882-5406

Director / Scope Editor
Chris Ranes, NS8Q
(517) 487-8376

Under 22 Director
Sam Fitzgerald, N8FRP

Club Contact
Don McLain, KB8RAD

Club Historian
William Cote, WD8NYW

Antenna Projects Chairman
Gregg Mulder, WB8LZG

Lansing ARPSCLiaison
Jim Hannahs, KC8QWH

QSL/Awards Manager
Don DeFeyer, KC8CY
(517) 641-4533

Photographer
Kenneth Hazlett, N8BVV
(517) 348-5513

Salvation Army Liaison
Jerry Waite, KD8GLN
(517) 882-5406

Meetings
Held Monthly on the second Friday of the month at:
Salvation Army-Capital Area, 701 W. Jolly Rd, Lansing at 7:00 PM. Board Meeting begins at 6:00 pm.

CMARC Calls:
W8MAA & W8PLP

LCDRA Officers and Appointees

President
John Imeson, N8JI
(517) 449-1517

Vice President
Don Tillitson, WB8NUS
(517) 321-2004

Secretary
Ron Harger, WD8BCS
wd8bcs@arrl.net

Treasurer
Jeff Oberg, KB8SXX

Director
Jan Bradfield, KC8BFK
(517) 202-1779

Director
Don McLain
(517) 694-0812

Director
Jim Harvey, KA8DDQ
(517) 882-5796

Membership Chair
Michael Boensch, W8MKB

Repeater Trustee
Dennis Boone, KB8ZQZ

Meetings
Held Quarterly on the third Thursday of the month at:
Fire Station #48, Marshall St, Lansing at 7:00 PM.

LCDRA Call:
W8BCI

The Scope is a monthly joint publication of The Central Michigan Amateur Radio Club and the Lansing Civil Defense Repeater Association.

Please send all articles, classified ads, or other information to the editor, Chris Ranes, NS8Q, at cmarcscope@gmail.com.

The deadline for each issue is midnight on the 20th of the preceding month.

2016 CMARC "OUTDOOR" HAMFEST

(We've got EVERYTHING but the ROOF!!)



**ARRL
Sanctioned**

Sponsored by the
Central Michigan Amateur Radio Club

**Saturday, July 30, 2016
8:00 AM to 1:00 PM
(Setup Saturday 6-8AM)**

at the
**Holt Christian Church
2424 Washington Road
Lansing, MI 48911**



**Talk-in 145.390
(100Hz PL)**

ADMISSION: Public = \$4.00 each, Kids 15 and under FREE!! (HANDICAP ACCESSIBLE!!)

**Vendors/Sellers = \$4.00 each (includes 1 trunk space). Additional spaces \$5.00 each.
RSVP today to secure the number of spaces you need! Also, please remember to bring your own tables, chairs, and canopies and be prepared in case of inclement weather.**

For Reservations or Questions contact Michael Boensch W8MKB (W8MKB@arrl.net)



DON'T FORGET

to enjoy a Sweet Roll and Coffee--then later on grab a BBQ Pulled Pork Sandwich or a Dog or Brat "Hot Off The Grill" with all your favorite trimmings!!



TYCHO AUSSIE

CMARC's 6' 3" Mascot is back again this year!!

RF ADAPTER GUY

**Dealer Jon Rohde
(accessories for Ham,
Commercial, GMRS or CB)**

Tennadyne and Cubex Quads

**Dealer Roger Greenfield
"Aluminum with a PHD"**

D & G Computers

**Dealer Shaun Blain
(Service and Repair)**

DXCC CARD CHECKER

**Must call Stan Arnett AC8W (810) 364-6674 for appointment! & info
Hamfest Checking Hours
8am to 12pm. Can't check 160-m
Cards! Fill out DXCC application
at <http://www.arrl.org/dxcc> and
bring with you, also Record Sheet
and SASE. Pay by credit card
online.**



VE TESTING

**at 11am. Sponsored by the
"Ingham County VE Group".
Walk-ins are Welcome!!**



STRONGWARE

**Custom Callsign Mugs
made-to-order
while you wait!!**

DOOR PRIZES!!

We will have hourly prizes with our GRAND PRIZE being a YAESU FT-2900R/E MOBILE 2-METER Drawn at 1pm!!

FORUM

“ASTERISK” a framework for building multi-protocol, real-time communications applications and solutions. Time for Q&A (9am-10:30am)

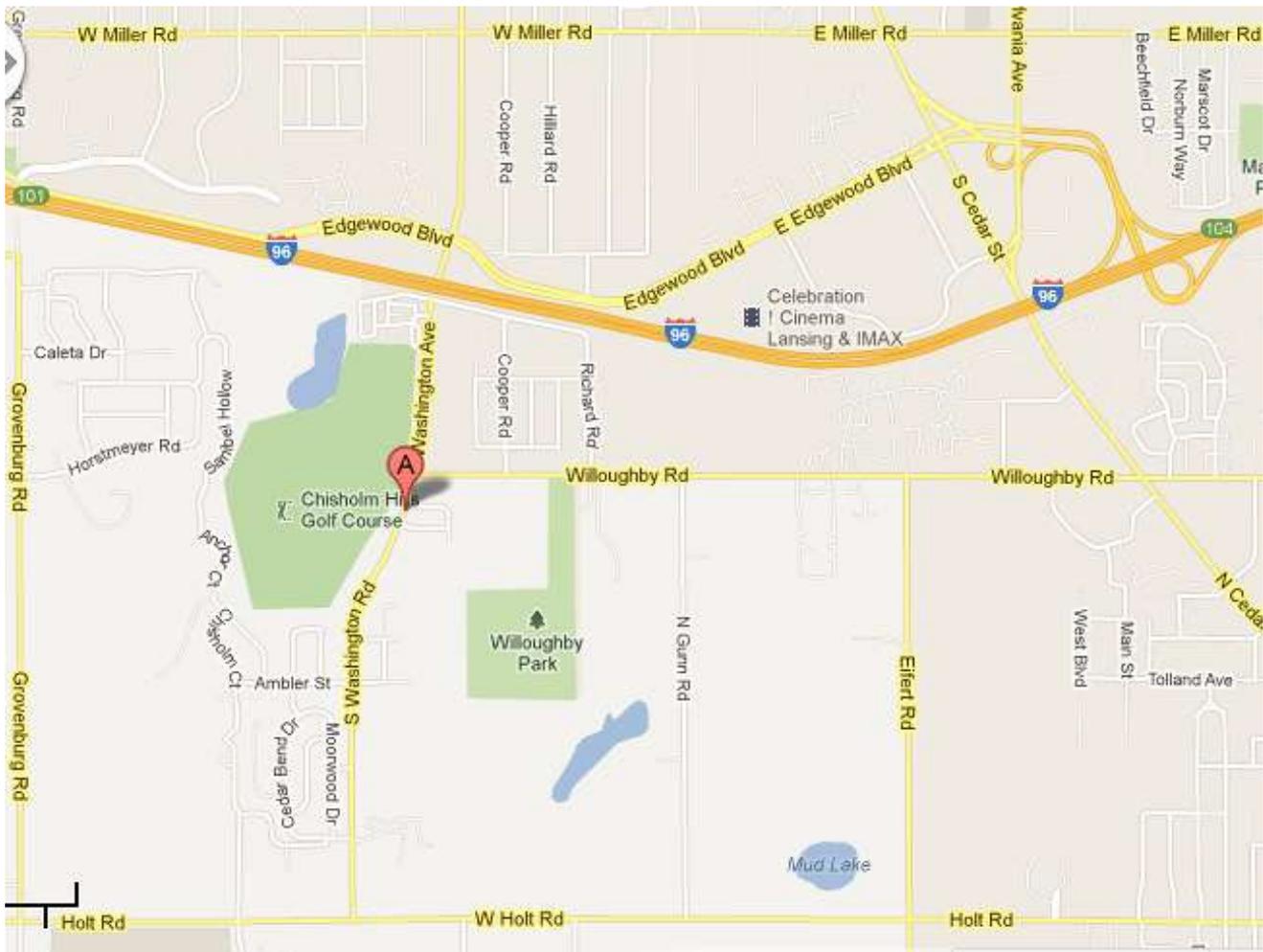
ARRL's LARRY CAMP WB8R

Michigan Section Manager
Great Lakes Division

G.O.T.A. STATION

Don't have a license? Come Get On The Air with the Youth of CMARC!!

**Holt Christian Church, 2424 Washington Road in South Lansing
Talk-in 145.39-100Hz PL**



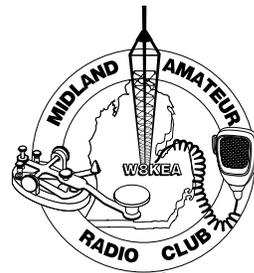
**PLEASE JOIN US FOR THIS YEAR'S
CMARC "OUTDOOR" HAMFEST!!**

COME "RAIN OR SHINE" YOU'LL HAVE A GREAT TIME!!

Michigan Hamfest Weekend
June 18, Midland / June 19, Monroe

Midland Amateur Radio Club

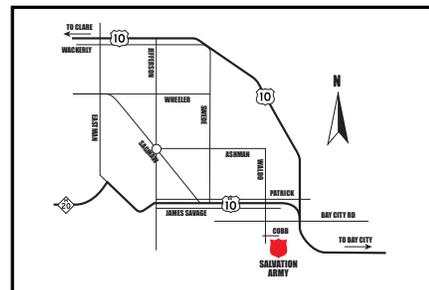
Midland Hamfest '16



June 18, 2016
Salvation Army Building
330 Waldo Ave.
Midland, Mi

Set-Up at 6:30 AM
Show Runs 8:00 AM - Noon

Admission \$5.00
Tables \$5.00
Trunk Sales \$5.00



Featuring:

- FCC Exam
- New & Used Amateur Radio Equipment
- Parts, Coax & Connectors
- Large Selection of Vacuum Tubes
- Seminars/Demos
- Refreshments



An ARRL
Sanctioned
Hamfest

Talk-in: 147.00 MHz - Midland Repeater

For More Information & Reservations Mail

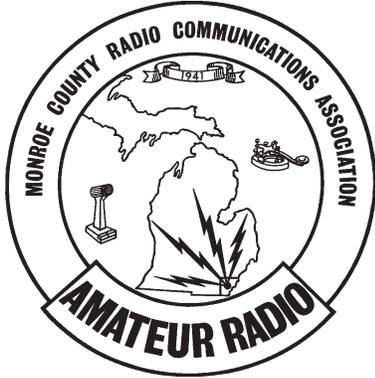
MARC Hamfest, PO Box 1049, Midland, MI 48642

or Contact

Chuck Cribley, WA8LQD at (989) 488-9409 email: chuck.cribley@live.com

or

Pat Russell, W8PMR at (989) 832-2924 email: russell_p@chartermi.net



MONROE HAMFEST

and Computer Show

Father's Day - June 19, 2016

7:30am to 1:00pm - Set-up 6:30am Presented by:
The Monroe County Radio Communications Association

Monroe County Fairgrounds

M-50 at Raisinville Rd. (2 Miles west of Monroe)

FREE PARKING

Indoor Facilities / Trunk Sales

Computers and Equipment

Distributors / Hot Food

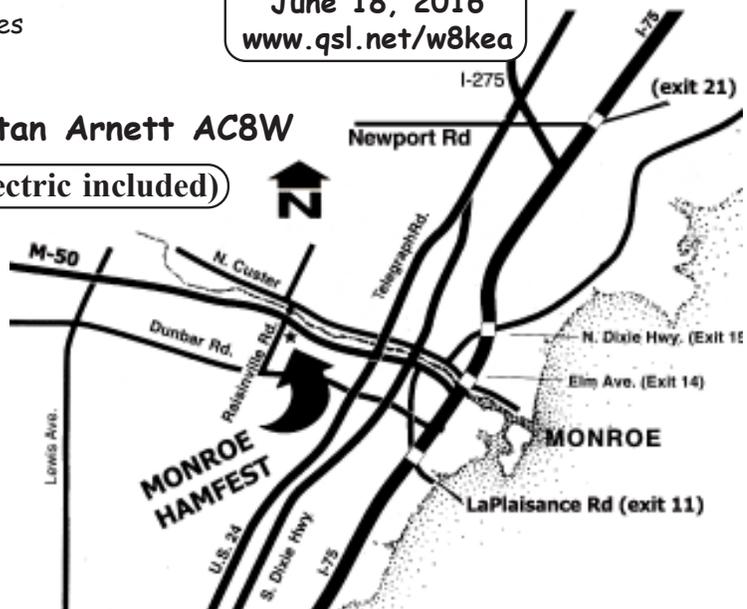
QSL Card checking by Stan Arnett AC8W

Over Night Camping \$25 (electric included)



Midland Swap
Midland, MI
Saturday
June 18, 2016
www.qsl.net/w8kea

Talk-in
146.72/12



Tables indoor 8': \$15 each, does not include admission ticket. Electric available in all buildings, bring cords.

Trunk 8' Spaces: \$10 each, does not include admission ticket.

Tickets Advance \$6 each, come with 2 stubs for drawings.

Ticket, Trunk Sales, & Table Reservations online at: <http://www.mcrca.org>

Mail to: Fred VanDaele KA8EBI, 4 Carl Drive, Monroe, MI 48162, ka8ebi@yahoo.com

Name _____ Call _____ e-mail _____

Address _____ City _____ State _____ Zip _____

No. Tickets _____ No. Trunk Spaces _____ No. of Tables _____ Amount Enclosed _____

Advance Tickets \$6ea. with 2 stubs / 8 ft Trunk Spaces \$10 ea. / 8 ft Tables \$15 ea.



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!

Name _____		Call Sign _____
Address _____		City _____ State _____
ZIP _____	Phone _____	Lic. Class _____
ARRL Member? _____	Birthday _____	Wedding Anniversary _____
Year 1st Licensed _____	Please supply email address for SCOPE mailing _____	
<input type="checkbox"/> Full <input type="checkbox"/> Associate <input type="checkbox"/> New Licensee (1yr. free) <input type="checkbox"/> Under 18 (free)		
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 Doornhaag 1165 S Ainger Rd Charlotte, MI 48813-9540 (Checks made payable to CMARC)		

JOIN TODAY!

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 _____		Call Sign _____
Address _____		City _____ State _____
ZIP _____	Phone _____	Lic. Class _____
ARRL Member? _____	Birthday _____	Wedding Anniversary _____
Year 1st Licensed _____	Please supply email address 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: Michael Boensch 1897 Sunnymede Ln Lansing, MI 48906 (Checks made payable to LCDRA)		



LANSING CIVIL DEFENSE REPEATER ASSOCIATION

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	ARPSA	LCDRA
		
www.centralmiarc.com/	www.lansingarpsa.com/	www.lcdra.net

