



The Scope

Central Michigan Amateur Radio Club

Lansing Civil Defense Repeater Association

August 2016
Volume 16
Issue 8

CMARC ANNUAL INDOOR SUMMER POTLUCK

Our guest speaker for this month will be Mr. Larry Camp/WB8R, the ARRL Great Lakes Division, Michigan Section Manager. Mr. Camp will be speaking about recent activities in amateur radio with a concentration on our Michigan section. After the presentation, I hope you can stick around for our annual "Indoor Summer Potluck". CMARC will be providing the hot dogs and brats (with all the fixings along with coffee and pop). Everyone else is asked to bring all the things that make for a good Summer picnic, like potato salad, baked beans, potato chips, watermelon, etc. And don't forget all the yummy deserts too! So come on out to the August meeting for the social event of the Summer!



When: CMARC Monthly Meeting
7:00 pm, Friday, August 12, 2016

Where: Salvation Army South Corps
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@arrrl.net.



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AUGUST BIRTHDAYS:

08/01 Charles Stahl/N8DWI
 08/02 Dan Cameron/KD8QFB
 08/03 Joseph Denomme/N8VYS
 08/07 Jeremy Kapalla/KD8ZZJ
 08/08 John Tyree/KD8KCX
 08/09 Dan Stockwell/KD8YVA
 08/11 Debbie Headley/KD8YUX
 08/14 Sam Fitzgerald/N8FPR
 08/27 Matt Beha/N8BPI
 08/27 Chris Ranes/NS8Q

AUGUST ANNIVERSARIES:

08/10 Jack Wiswasser/WA8IAL
 08/12 Chris/NS8Q and Shannon/WA2NVK Ranes
 08/14 John/KC8QZB and Jane/KC8FSK Hosford
 08/22 Dan/W8VVR and Barb Fuller
 08/26 Don/WB8NUS and Mary Tillitson

UPCOMING MEETINGS:

ARPSC

The ARPSC meeting for the month of August is at 7:00pm on Monday, **August 15th**. We will be meeting at the Ingham County Sheriff's Department off Curtis Road in Mason - Sgt. Cole Training Room. For more information about the ARPSC, please check out our website at www.lansingarpsc.com

ONGOING LICENSE PLATE PROJECT FOR THE CLUB ROOM:

By Russ Fitzgerald / N8FZ

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 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 russf2211@aol.com, or see me at the next meeting. I have the forms with me.

TREASURER'S REPORT 2016

John Doornhaag / KD8NNQ - CMARC Treasurer

Bank Balances for July	
Beginning Balance	\$3,578.70
Total Monthly Income	\$70.50
Total Monthly Expenditures	(\$210.00)
Total Business Checking	\$3,439.20
Petty Cash	\$41.00
Sub Total	\$3,480.20
Primary Share Accounts	
Humphrey's Fund	\$1,092.92
Building Fund (Club Station)	\$19.09
Field Day	\$472.87
Total Net Worth	\$5,065.08
Youth Fund Balance*	\$253.82
* Separate from CMARC Funds	

VE EXAM SESSION:

LANSING, MI

Date: **8/4/16**
 Time: 7:00 pm (Walk-Ins Allowed)
 Sponsor: Ingham County VE Group
 Contact: Don McClain / KB8RAD
 Email: kb8radon@aol.com
 Location: Community Room at Lansing Fire Station #44
 1435 E Miller Rd Lansing MI 48911

LANSING, MI

Date: **8/25/16**
 Time: 7:00 pm (Walk-Ins Allowed)
 Sponsor: Corunna VE Team
 Contact: Tom Carpenter
 Email: ki8as@charter.net
 Location: Baker College Welcome Center
 1020 ShiawasseeSt
 Bldg 16 Owosso, MI 48867

2016 CMARC Hamfest

Door Prizes

Prize	Donor	Winner
MFJ 24-hr Digital Clock	MFJ	K8QS
MFJ 24-hr Digital Clock	MFJ	K8OWS
MFJ Line Voltage Monitor	MFJ	W8TAM
MFJ 50-ohm Surge Protector	MFJ	AC8W
Comet 2m/440 SMA-mail HT ant	Comet	K8NGV
Comet Pint Glass	Comet	KR8T
Comet Pint Glass	Comet	KC8LRM
Comet Pint Glass	Comet	KC8VQN
Comet Pint Glass	Comet	N8SMG
FAR Circuits Projects DVD	FAR Circuits	WD8OVL
FAR Circuits Projects DVD	FAR Circuits	K8CJR
FAR Circuits Projects DVD	FAR Circuits	K8OWS
FAR Circuits Projects DVD	FAR Circuits	N8FZ
FAR Circuits Projects DVD	FAR Circuits	KD8LL
FAR Circuits Projects DVD	FAR Circuits	KE5GHE
FAR Circuits Projects DVD	FAR Circuits	AC8ML
FAR Circuits Projects DVD	FAR Circuits	Bill Grook
Solderless Crystal Radio Kit	Mike's Electronics	NY8D
Crystal Radio Kit	Mike's Electronics	KA9FON
AM Radio Kit	Mike's Electronics	N8BVV
RF Pre-amp Kit	Mike's Electronics	NE8E
Digital Multimeter	K8UHF	KD8IWQ
Skilman Intro to Morse Code DVD	N8PVI	Shirley Strong
Shortwave Receivers book	Universal Radio	KC8HMJ
Universal Radio Cooler	Universal Radio	KD4VGA
Yaesu Pocket Knife	Universal Radio	N8GAA
Yaesu Cup	Universal Radio	W8MQW
Yaesu Coozie	Universal Radio	N8BPI
Yaesu Coozie	Universal Radio	N8RBS
Radio Programing Software	RT Systems	N8SMG
Fun with CW for Geeks book	KB6NU	K8JJU
\$25 off \$100 Coupon	Force 12 Superstore	KB8DQQ
\$20 Gift Certificate	RF Adapter Guy	KW8G
TennaDyne/Cubex Gift Certificate	WB8DNC	K8CPT
ARRL 100 Years Polo Shirt	ARRL	KB8DQQ
ARRL \$25 Gift Certificate	ARRL	K8QS
ARRL \$25 Gift Certificate	ARRL	N8QMQ
ARRL \$50 Gift Certificate	ARRL	KE8DXC
ARRL \$50 Gift Certificate	ARRL	JE5GHE
GRAND PRIZE		
Yaesu FT-2900 R/E VHF Moble	John Doornhaag/KD8NNQ	NE8E

A PICTORAL REVIEW OF THE 2016 OUTDOOR HAMFEST

PHOTOS: MATT BEHA/N8BPI



Final 2016 CMARC Field Day Update

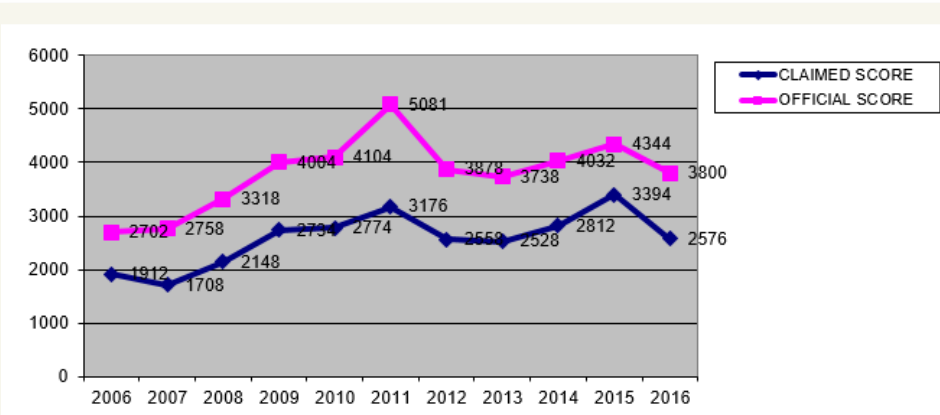
By Ron Harger / WD8BCS



Well the numbers are in, and although the QSO totals were down as compared to last year, the overall attendance was up. And from a personal standpoint, I can tell you that I walked away from Field Day 2016 with a great sense of satisfaction at the amount of support I received in putting on this event. We overcame many obstacles and worked together as a team to overcome them. I think most folks realize it can be really dangerous getting more than two smart people together in a small area. You just never know what type of fire works might go off!! We also had fun, got tired and sore, and perhaps a bit sunburnt as well. We were well fed and most importantly, we did it all safely! All of that is a minor miracle really when you stop to consider the personal and political diversity that this group has. But Amateur Radio really is a miracle of sorts, isn't it? It's a kind of a "neutral zone" where we share ideas, work towards a common goal and utilize our differences to achieve them. I really can't think of a better way to spend my fourth full weekend of June each year!

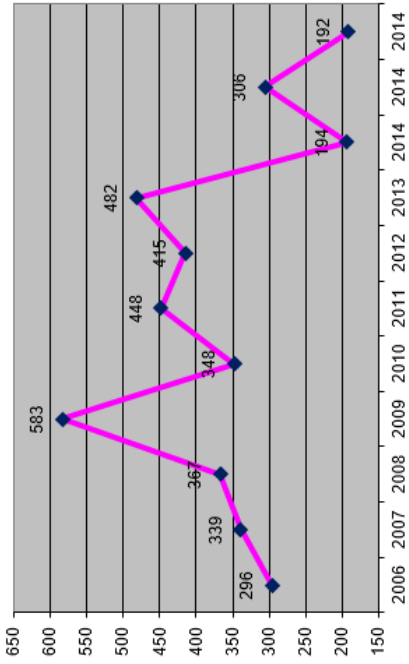
Thank you again all for your hard work this year. And here's to Field Day 2017!! Better get planning. There's only 327days, 18hours, 40minutes and 22seconds left! ■

73, Ron WD8BCS out...

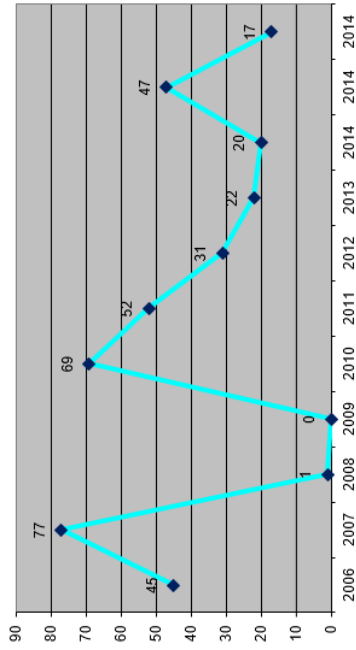


	CW QSO'S	PHONE QSO'S	DIGITAL QSO'S	TOTAL QSO'S	VHF QSO'S	GOTA QSO'S	CLAIMED SCORE	OFFICIAL SCORE	LOCATION	CLASS	Total Ops	Under 22	VISITORS
2006	288	296	0	584	84	45	1912	2702	GARDNER	2A		X	
2007	246	339	0	585	23	77	1708	2758	GARDNER	2A		X	
2008	344	367	0	711	19	1	2148	3318	GARDNER	2A		X	
2009	380	583	0	963	24	0	2734	4004	GARDNER	3A		X	
2010	474	348	0	822	22	69	2774	4104	GARDNER	3A		X	
2011	475	448	0	923	138	52	3176	5081	LAKE LANSING NORTH	3A	25	X	53
2012	508	415	5	928	26	31	2558	3878	RAYNER PARK	3A	34	X	36
2013	352	482	28	862	28	22	2528	3738	RAYNER PARK	3A	22	X	51
2014	496	194	100	790	9	20	2812	4032	RAYNER PARK	3A	26	3	51
2015	583	306	76	965	30	47	3394	4344	RAYNER PARK	3A	26	3	25
2016	485	192	63	740	0	17	2576	3800	RAYNER PARK	3A	15	2	41

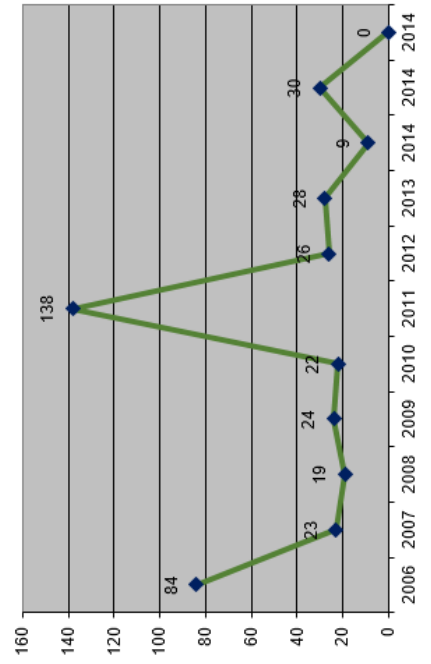
PHONE QSO'S



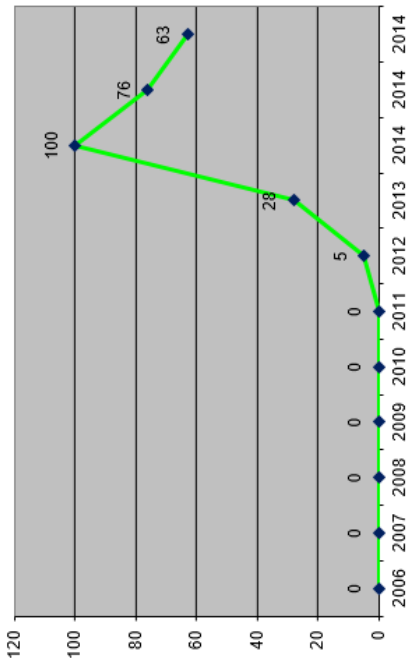
GOTA QSO'S



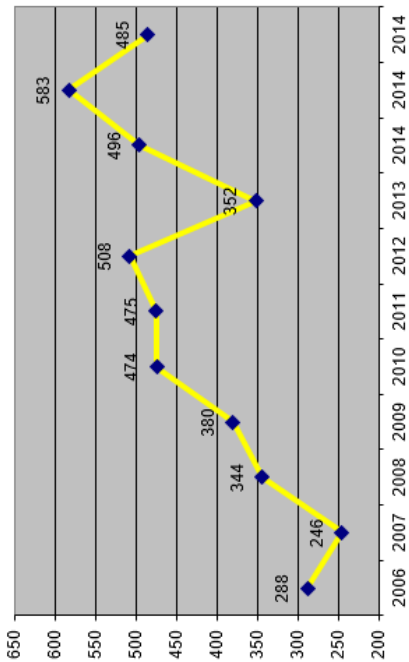
VHF QSO'S



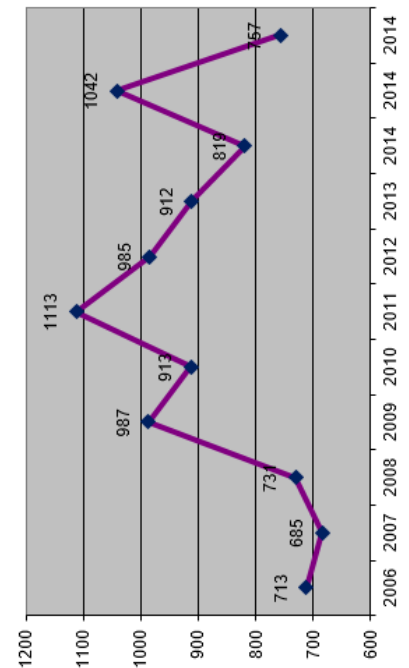
DIGITAL QSO'S



CW QSO'S



TOTAL QSO'S



Just Do It

By Gregg Mulder / WB8LZG



Over the many years I've been a ham, I've been teaching Morse code too many of the new licensee's among us. This has been very rewarding to watch a novice go from No Code, to being confident enough to have "On the Air" QSO's with no help. At the same time it's also disappointing to see how many "give up" after only few tries.

In the last few months we have started a new NET on Thursday evenings at 7pm. It's the MSUARC Friends and Info Net. The 1st half of the net is in "voice" and the 2nd half of the net is in Morse code. Here is a great way to get some real practice to help learn the code and increase your speed. Several local hams are already taking advantage of this, and doing quite well.

It's the rest of you out there I have a "gripe" with. I'm hearing the same old excuses again and again, for why they are "not able" to learn the code. Everything from, "I have a hearing issue", "can't understand it", ADHD, Dyslexia, and all make and manner of excuse. Everything but the REAL reason.

No more excuses people! The only reason you have not learned the Morse code is, "You don't want to." In layman's terms "you're lazy!" plain and simple.

I see those that want to learn the code, pick it up and learn the characters in about a week. With ½ hour twice a week you can master it in about 3 weeks time. In about 2 or 3 months of practice you can be doing 10 WPM with ease. It's only 26 letters, 10, numbers, and a few punctuation. You learned your ABC's in a few weeks, didn't you? So what's the hold up here? Get your priorities straight! Do you want to learn Morse code or not?

Come join in the code practice on Thursday nights. You may find it's a lot easier then you think, with a bit of help and guidance. There are many hams out here that will gladly help you to achieve success. You just have to "want to".

It's also OK if you don't want to use Morse code, and be a "phone guy", but please.....

No more excuses. Just Do It! ■

Hamvention's Hara Arena to close

Hamvention® has announced that Hara Arena, the home of Hamvention since 1964, is closing. Hamvention 2017 will be held at a new location in the Dayton area, yet to be disclosed.

"The Dayton Amateur Radio Association (DARA) regrets to inform our many vendors, visitors and stakeholders that, unfortunately, HARA has announced the closing of their facility," a news release from Hamvention General Chair Ron Cramer, KD8ENJ, said today (July 29).

"We have begun execution of our contingency plan to move Hamvention® 2017 to a new home. DARA and Hamvention have enjoyed many successful years working together with HARA Arena and we wish the Wampler family the best."

According to Cramer, DARA and Hamvention have been working on a contingency plan in the event that the deteriorating Hara Arena ever should become unavailable. "We have spent many hours over the last few years evaluating possible locations and have found one in the area we believe will be a great new home!" The announcement said that DARA and Hamvention expect to make a formal announcement soon "introducing our new partner."

"We all believe this new venue will be a spectacular place to hold our beloved event," Cramer said. "Please rest assured we will have the event on the same weekend and, since it will be in the region, the current accommodations and outside events already planned for Hamvention 2017 should not be affected."

"We look forward to your continued support as we move to a new future with The Dayton Hamvention."

A hockey team's cancellation of its upcoming season earlier this month had raised questions about the future availability of Hara Arena for Hamvention®. Hara Arena has been facing long-standing financial problems — including unpaid property taxes. Renovations promised for the 2016 Hamvention never materialized.

Hamvention attracted more than 25,000 visitors this spring and is worth millions of dollars to the Dayton area economy.

The Wampler family has owned and operated Hara Arena since its humble origins in the 1950s, when Wampler Ballarena — then a dance hall and now an exhibit hall familiar to Hamvention visitors — was built in what had been a family-owned orchard.

5...4...3...2...1: READABILITY REPORTS

By Dan Romanchik / KB6NU

I'm big on Twitter. It connects me to a lot of interesting amateur radio operators, and I find a lot of food for thought there. Yesterday, I saw the following Tweet:

Charlie – M0PZT @M0PZT

Blog updated: RST and Speed Matters <http://www.m0pzt.com/blog/rst-and-speed-matters/> #hamradio

Being a CW geek, of course I was interested. Charlie's point is that if you get a bad report, you probably should send more slowly. I certainly have no argument with that. What I do take a little bit of an issue with is that Charlie says, "A Readability 4 report should really make it known that information needs to be brief, but repeated – Certainly no ANT/RIG/WX waffle!"

According to most sources, Readability 4 means, "Readable with practically no difficulty." When I receive an R4 report, I might slow down a little, but it doesn't mean to me that I have to cut the contact short or repeat information over and over. I replied on Twitter that if the operator at the receiving station is having so much trouble copying, then the report should probably be 319 or even 219.

Of course, RST reports are open to interpretation. With that in mind, I thought I'd explain a little more fully how I decide what Readability report to give:

R5: Perfectly readable. To me, this means that copying a signal is no work at all, and that it sounds like it's coming out of a code practice oscillator. I can put my feet up on the desk or putter around the shack while I'm ragchewing with the other operator.

R4: Readable with practically no difficulty. "Practically no difficulty" is the key phrase here. There may be some QRN or QSB on this signal, and I have to pay some attention while copying. An

R4 is still solid copy, though, and ragchewing is definitely possible.

R3: Readable with considerable difficulty. A signal that rates an R3 needs my full attention. I have to work at copying the signal, and even then, might miss characters here and there. Even though I don't copy every single character, I'm able to fill in the gaps. An R3 signal might not be good enough for a ragchew, and repeating information is probably a good idea.

R2: Barely readable, occasional words distinguishable. A signal that rates an R2 is usually so weak that it's below the noise level or drops below the noise level occasionally. At this level, the contact will definitely be brief and any important information, such as the callsign needs to be repeated.

R1: Unreadable. Generally, I would never give out this report, as I would never attempt making contact if a signal was truly unreadable.

Although my explanations above reflect the fact that I'm primarily a CW operator, I think they also apply to phone or even digital contacts. For example, an R5 for a phone contact would mean that the signal sounds like it could be coming from just down the street or coming through the local repeater.

What do you think? How do you decide what Readability report to give? ■

Dan, KB6NU, is the author of the "No Nonsense" amateur radio license study guides, and blogs about amateur radio at KB6NU.Com. You can contact him by e-mailing cwgeek@kb6nu.com. If you want an honest Readability report, look for him most evenings on 40m CW.



HamRadioNow: DCC Kickstarter Promo

Gary Pearce KN4AQ is using Kickstarter to raise funds for the recording of the 2016 ARRL & TAPR Digital Communications Conference. HamRadioNow aims to produce YouTube video of the complete 2016 ARRL & TAPR Amateur Radio (Ham Radio) Digital Communications Conference

Kickstarter

<https://www.kickstarter.com/projects/860504337/2016-tapr-dcc-video-on-hamradionow>

Previous editions of HamRadioNow

<http://www.youtube.com/user/HamRadioNow/videos>

"HAM-ISMS" WE SHOULD RETIRE ONCE AND FOR ALL

By Don Keith / N4KC

In my book *Get on the Air...NOW!*, I identified and tried to help with what I consider to be some of the biggest obstacles that stand in the way of many people who get their Ham tickets but then delay actually getting more deeply involved. These were things that discouraged them from getting on the air and fully experiencing all the various aspects of our hobby. One of those impediments was the jargon, that specialized language that develops among all groups or around most pursuits and that can scare the whey out of newcomers. If you don't agree that it can faze folks, eavesdrop on conversations involving computer game enthusiasts, antique car restorers, hunters, fishermen, golfers, Makers...or even fellow Amateurs who might have more exotic interests within the hobby than you do.

To help new Hams not to be intimidated by the specialized vocabulary of our hobby, I decided to include a "dictionary" of terms as part of *Get on the Air...NOW!* I had been collecting such a list for years and got busy tracking down as many more as I could find that might buffalo a newly-licensed Amateur. But before I knew it, I had over 1,200 terms, over 1,600 definitions, and hundreds of Internet links, and this did not include many technical terms. I also realized that a surprising number of the terms I found would be new even to old-timers. That is because the hobby constantly evolves and many of us silo ourselves, remaining within our own narrow segment of the hobby.

(When I am at hamfests with my books [see you in Nashville in July and Huntsville in August], I often challenge those who proclaim, "Aw, I've been licensed since before they invented AC. I don't need no Ham Radio dictionary!" I tell them I bet I can stump them within three entries pulled from the book. If I don't, I'll give them a free copy they can pass along to someone not so enlightened. I have never gotten past the second term and thus have never had to give

away a copy.)

I decided to not only include all that jargon in the book but to also publish it separately as *The Amateur Radio Dictionary* in both small-format paperback and e-book. Frankly, I was surprised nobody had done this before and the sales of the book prove there is a decided need. It also became clear that this would have to be an ongoing effort to keep it updated. Just as with English and other languages, our Ham terminology changes, too. I regularly get suggestions for new terms to include and I openly solicit and encourage such submissions. More prolific contributors will even get their names and call signs in the book!

However, among the new entries contributed also come phrases and lingo that do not necessarily fit into a "dictionary." And among them are even some that I personally would like to see disappear altogether. With a few exceptions, I left them out of the book and dictionary simply because I did not want to legitimize them.

Thus the reason for this article. I want to de-legitimize them by poking good-natured fun at them!

Here, then, are some expressions that I would vote to shuffle off to the scrap heap of the Amateur Radio lexicon. Not in a mean-spirited way, mind you. Some have served their purpose and are ready for a long-overdue rest. Others simply don't make sense. Others are just plain goofy. And I bet you can come up with plenty more.

My favorite "ham-isms" I'd most like to deep-6:

"If I can hear 'em, I can work 'em."

Well, excuse me for such a typical "slacker generation" response, but, "Duh!" Although I know some guys who try to bluff



their way into a QSL by logging some rare DX right off the cluster spot, please explain how you can, in reality, work a station you CAN'T EVEN HEAR!

Okay, I know some new digital modes allow copying stations below the noise level that you can't discern by ear, but you know what I mean. This expression is not even really bragging. The band may be bursting with signals from all over the planet for most people listening in but that ten-penny nail you are using for an antenna only allows you to hear—and make contact with—a precious few.

Continue working only what you can hear, but let's send this nonsensical phrase packing.

"I have destinated."

The heady days when VHF/UHF operation first put mobile operating within reach of us all inevitably resulted in all sorts of new and creative terms, many coined just to show how clever we all were. How many remember when we first got on the repeater and thought "full quieting" was a new punk band out of San Francisco? Or "heard you on reverse split" could have been some totally new kind of RFI best diagnosed by a proctologist?

I actually heard a new op come back to the "destinated" pronouncement with, "You've WHAT?" The response was almost as puzzling to the new Ham: "I just got to the home QTH so I'm gonna pull the plug, get a cold 807, and see who's modulatin' on the Goat Stomper Net on 75."

Ahem. Let's make the "home QTH" of "destinated" the dust bin of antiquated Amateur Radio jargon.

Continued on Page 10

"We don't have propagation today."

Then I say alert the media! Right now! A basic tenet of physics has ceased to function. Just don't try to use your cell phone. If there is absolutely NO radio frequency propagation, you see, then a large portion of the media—like broadcast radio and TV—won't be able to relay the earth-shaking news. Because their signals will not be able to propagate!

No, it's all gone. 20 meters. WiFi. Cell phones. The "Mutt and Joe Morning Radio Show" on Rock 107. What will we do?

Look, you actually may not be able to chew the rag with your buds on 40 because the ionosphere has not been adequately tickled by the sun. But there is, without doubt, some propagation. It may only be lofting your little signal down to the end of the block. Or launching it far out into space beyond the usual layer that refracts such a thing, to a place where only aliens can get the latest update on your wife's eczema. But, believe me on this. Some kind of propagation is occurring.

Let's stop propagating this dire but patently untrue pronouncement.

"We can have an eyeball at the hamfest."

I have watched Chef Anthony Bourdain on TV as he happily engorges himself on frog gizzards, duck feet, and roasted roaches. He's made a career—and a small fortune—eating exotic fare. I have never seen him have an eyeball!

I certainly have never seen anyone have an eyeball at a hamfest. Bad hot dogs, gummy fries, and charcoal-crispy brats (Dayton), yes.

Okay, I know what this phrase means and you likely do, too. But imagine some potential new Amateur programming in the local repeater channel into his scanner and the very first thing he hears is, "Yep, we'll have to have an eyeball. Then we'll go over to the boneyard and see if we can find some tuning slugs and bleeder resistors."

Yummy! Ours is such a tasty hobby.

"Old man, you're off frequency."

I will readily admit that this terminology has become something of a pet peeve for this particular old man. I have it from someone who answered my CQ. And even once from a station that called me after I wrapped up a nice QSO with another op.

"Old man, N4KC, what frequency you on?"

I check my VFO. "I'm reading 14 dot 250 dot 17," I inform him. That is likely close enough to the actual frequency at which I have been emanating RF for the past hour or so.

"Thought so. You're off frequency. I'm on 14.250 on the nose. Your audio sounds funny if you are off frequency, you know."

"But you called me. You should listen to me and call me on the frequency on which I'm operating."

"No, I can't, because you're off frequency. With that fancy Extra-class call sign, seems like you would know such a thing. I don't even know how you do that. My radio goes from 250 to 251 to 252."

So I move down to 14.250. And I throw the "Sarcasm" switch to ON.

"Gosh, I'm sorry. I sure hope the FCC or an Official Observer didn't catch me operating off frequency! I worked hard for this license and I sure don't want to lose it for pulling such a dumb stunt as operating off frequency."

I might try to explain how he might want to look in the manual and figure out how to change the increment at which his VFO dial changes. Or assure him we can transmit anywhere in the band, not just on the even frequencies. But all the time I'm squeezing the push-to-talk so hard I am in danger of crushing the microphone.

"73 and see you on down the log book."

This one is merely antiquated. I know. Some of you still keep a paper-and-pencil log book. That's fine. But I believe it is time we

retired this old saw just on general principle. Sure, you can still "see" me—or at least my fancy Extra-class call sign—on down your computer log.

No, I'm not going to fuss at someone who tells me this on the air. I appreciate the sentiment. But this is just another of those expressions that linger from the olden days when we worked hard to come up with cute phrases to say stuff when plain old everyday language would work better.

"Down the log book" could go down the disposal and we would never miss it.

"My personal is..." "What's your personal?"

It is also not my nature to get all sweaty and bothered by phrases that have made the trek over from CB to Ham Radio. I wholeheartedly welcome those who first whetted their interest in wireless on 11 meters. And congratulate them for moving on over to our swath of spectrum. Some of the best and most interesting Hams I know cut their teeth on CB.

Not because it came from CB but because it is usually better to say stuff in plain language, I vote for dumping "personal" from the Amateur Radio airwaves. What's wrong with saying, "My name is Bill?" Or, "What is your name?"

I don't understand, though, why so many Bills out there "love ladies" so much. Or why a considerable number of Bobs are partial to bottles of beer. That would require more study than this "Dumb Old Nut" is capable of.

"I'm good on QRZ."

Stop the presses! This guy is good on QRZ!

I am aware that it is possible that someone's contact info can be outdated on the QRZ.com web site. Maybe he has to move frequently, trying to stay a step ahead of the law. Or bill collectors. Or the Immigration and Naturalization Service. But if he is on the lam, I doubt he has sufficient time to do any serious hamming.

Unless somebody specifically tells me his data is not correct, I believe I can safely assume it is okay. I'd bet the web site keeps itself synched pretty closely with the FCC database. We are required by law to keep the info at the FCC up to date. And any of us can correct errors on the QRZ site in a few seconds if we really want to.

(To a point, that is. I live in a town called Indian Springs Village. The FCC database lacks sufficient spaces on their entry form for a town name with that many characters. In their database as well as on QRZ, I live in "Indian Springs Villa." Sounds vaguely South-of-France, doesn't it? No matter. Mail to the address as it appears at either source and I'll get your QSL. And I'll return one to you. Providing, of course, that you are "good on QRZ.")

Swerz, "My swerz are too high."

There are three sure ways to get a fistfight going among Amateur Radio enthusiasts.

1 – Call "CQ contest" on a frequency that has been used by the same bunch of rag-chewers for the past quarter century, even if it is hours yet before they typically congregate.

2 – Give a negative review of any piece of gear, either on the air, on a web site, or on an Internet reflector dedicated to users of the aforementioned piece of gear.

3 – Discuss standing wave ratio.

I don't mean to discourage productive discussion of any of the above. I do suggest we don't resort to fistfights but work out our differences and express our opinions (regardless how stupid and unfounded they may be) in a civil and positive manner. But please, can we stop talking about SWR as "swerz?"

Look, it is a singular term. The last word is "ratio." While ratio can be plural, it would not typically be so in this usage.

Worse, "swerz" sounds like a particularly distressing gastro-intestinal condition that could afflict anyone who might have eaten frog gizzards, duck feet, or roasted roaches.

Or eyeballs.

Or Dayton brats.

So there you have a few "ham-isms" I believe we could remove from our hobby and not miss them one bit. Now, how about you? Can you think of others? Something tells me you can.

Please try to stay positive and good-spirited. I hope I have. Ours is a hobby and we should not get bent out of shape over small things. None of these expressions is going to bring down civilization as we know it. That's what presidential politics is for.

But I hope we can still find some humor in our foibles. And I hope that I have done that in this article. As for me, I'm now going to pull the plug, get a cold 807, and see what you guys come up with. ■

Copyright by Don Keith N4KC, reprinted by permission. (Don Keith, N4KC is a long-time active Ham. He is also an award-winning and best-selling author with more than thirty books published, fiction and non-fiction, on a wide range of subjects, including Amateur Radio. His novel Firing Point is now in production as a major motion picture under the title Hunter Killerr, starring Gerard Butler and Gary Oldman. He recently received the Bill Leonard Journalism Award from the ARRL for an article on the hobby that appeared in American Legion Magazine. Don's web sites are www.donkeith.com and www.n4kc.com The latter site features numerous articles about our hobby. He is good on QRZ.)

Ham radio callbook in 1968 spy story

In 1968, newspapers reported the potential threat to national security posed by the amateur radio callbook following the conviction of Douglas Britten G3KFL.

On November 13, 1968 The Nashua Telegraph newspaper ran a story sourced from The Times of London which expressed concern that the Amateur Callbook listed hundreds of service-personnel with access to secret information. Concern was expressed at the time that the Soviets could use this information to contact potential sources of classified information.

The story was triggered by the conviction of Douglas Britten G3KFL, described as a "Royal Air Force wireless operator", under the Official Secrets Act. Britten was reportedly "approached through amateur radio". The newspaper says "A man who said he was a Russian ham operator went up to him in the Science Museum in Kensington in 1962 and addressed him by his call sign G3KFL."

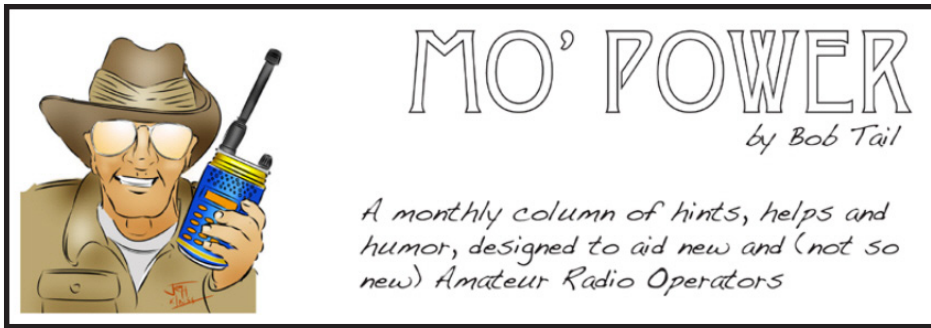
NEWS COURTESY OF
[SOUTHGATE AMATEUR RADIO NEWS](http://www.southgateamateurradio.co.uk)

Keeping CW Alive -- Morse Code Ring Tones

If you're feeling like you need a Ham Radio fix while at work. Try downloading a custom ring tone message at Planet of noise. They have a neat CW generator that will create a sound file that you can download and save on your PDA or cell phone. Next time you're in a group of non-hams watch their expression when "CQ CQ CQ" in CW comes out of your phone instead of a goofy tune.

<http://www.planetofnoise.com/midi/morse2mid.php>

I would love to hear from those that try it, and any fun messages that promote morse code. You can also copy and send the cw in an email.



G'Day Mates! I was at the local hammy club meeting the other night. Big crowd to hear one of our Ol' Timer's enlighten us with his wisdom. With our "storm season" coming soon, the speaker was reminding us of many of the things that we take for granted. Like electricity, water, food, shelter, and radio. There was a lot of discussion about the ability of the hams in the club to be able to assist the authorities and local community if indeed some catastrophe did happen. This is the interesting part. When asked if they would be able to provide assistance by radio in an emergency, nearly everyone in the house raised their hands. Then they were asked if they could maintain communications without power from the grid for more than 1 day. Only 6 or 7 still raised their hands. Wow, that's not very long to be without power. How about a week? Only 3 hands went up. All three indicated that they had generator back-up power and petrol reserves to last a week or more.

Then he asked the group how many of them had food and water stored to last a week or more, only 2 hands went up. Only 2 of 50 were able to have confidence to be able to be "OK" with no power for more than a few days.

A quick look around at the "overweight and aging" among us, looks as though many of us are also physically unable to even help themselves for any length of time, much less render assistance to the community. Things are looking a bit pitiful for the "emergency response" side of our hobby. Do you fall into this category?

Got me to thinking about my own readiness. I have a "go pack" in the auto car with a handheld radio, several batteries, 1st aid kit, a spare change of clothes, blanket, 5 liters of water and some "trail bars". But not much else. I thought I was fairly prepared for minor emergencies. Upon further thought, I realized that my own home was not prepared for more than a few days. I too had a generator for AC power, yet only two 10 liter fuel cans with petrol. Perhaps enough to last a weekend. At the very least, time to double up on

the fuel! Then a quick inventory of the food supply, indicated that while there was several weeks stockpile of can goods and dry foods, there was not sufficient water to last more than a few days. Only 4 large bottles. Water is most important. We need several liters a day just to survive. So a trip to purchase some more storage containers for water is next. How much water? Figure on 2 liters per person per day, minimum. Sounds like a lot of water. Yes it is. You may never need to use it. Yet, in dire conditions you'll be glad you have it. The "Boy Scout" motto is the order of the day here, "BE PREPARED". A little preparation can go a long way towards being able to survive and be comfortable in a real emergency situation. Better comfortable than miserable. That was just the beginning!

Then there was the scenario what about a storm that destroys our repeater towers. How will we communicate locally? A quick show of hands showed that most of the group had good antennas for local work, so we were making some progress, but many still did not have power reserves for more than a day. Here's the Priority List. Shelter, Water, 1st Aid, Food, Fire, Transportation, Power, Comms (radio) you may have noticed that radio is down round the bend. In a real emergency you may be lucky to survive the initial event. (Typhoon, tornado, hurricane, etc) Once the danger has passed, and you have assessed that you are unharmed, then you may be able to render help to others.

So while many of us went into the club meeting confident and content that we were well prepared for any emergency, nearly everyone came out of the meeting thinking about the myriad of things they needed to work on to really "Be Prepared".

In time of need, will you be ready to assist your family, your friends, and your community? Or will you become a "statistic"?

Food for thought until next we meet. 73, Bob Tail ■

CMARC BOARD MEETING

July 8, 2016

❖ CALL TO ORDER:

- President Tom Rocheleau/WA8WPI called the meeting to order at 6:20 with the following Board members in attendance: Vice-President Russ Fitzgerald/NS8Q, Secretary Jane Hosford/KC8FSK, Treasurer John Doornhaag/KD8NNQ, Director Chris Ranes/NS8Q, Director Ted Sadilek/WA8MFQ and Under 22 Director Sam Fitzgerald/N8FPR. Also present were Clyde Tompkins/K8CPT our Hamfest Chair and Don McLain/KB8RAD.

❖ SILENT KEYS:

- Lisa Somers, wife of John Fick, Jr., passed away on June 16, 2016.
- Tom Carpenter/KI8AS's brother away.

❖ CLUB SHIRTS:

- Russ/N8FZ and Sam/N8FPR Fitzgerald is taking over ordering the Club shirts.

❖ TONIGHT'S PROGRAM:

- Matt Beha/N8BPI is showing Field Day pictures.

❖ HAMFEST TICKETS:

- Chris/NS8Q will be getting 400 tickets printed from Office Max.

❖ MISCELLANEOUS:

- Russ/N8FZ mentioned that people had asked about having a potluck every month. The Board decided that was a lot of work, but everyone is more than welcome to bring "goodies" in every month.
- In August we will be having our indoor picnic and Larry Camp is also going to be here.
- **FOR PEOPLE BRINGING FOOD TO OUR AUGUST PICNIC, OR ANY OTHER TIME, PLEASE SURE TO TAKE HOME YOUR LEFTOVERS, DO NOT LEAVE THAT FOR SOMEONE ELSE TO BE RESPONSIBLE FOR YOUR FOOD. THANK YOU.**

❖ MEETING ADJOURNMENT:

- Motion to adjourn made by Tom/WA8WPI, seconded by John/KD8NNQ and approved.
- Meeting adjourned at 7:03 pm.

Respectfully submitted,
Jane Hosford/KC8FSK-Secretary

GENERAL CMARC MEETING

July 8, 2016

❖ CALL TO ORDER:

- President Tom Rocheleau/WA8WPI brought the meeting to order at 7:10 pm.
- We do have nametags for everyone if you don't have your own, so please use, so we know who everyone is. Please sign in on the sign in sheets that are going around, there is one for members and one for visitors.
- We started the meeting by doing the Pledge of Allegiance. The flag was held by Sam/N8FPR, our Under 22 Director.
- A moment of silence for our silent keys

❖ ATTENDANCE:

- There 31 people in attendance.
- Our visitors included: Keegan Schneider and Mary Tillitson.

❖ NEW LICENSES, UPGRADES, AND VANITY CALLS:

- John Winn/KE8CYC upgraded to Gneral at Field Day.

❖ SILENT KEYS:

- Lisa Somers, wife of James Fick, Jr./KE8ABZ, passed away on June 16, 2016.
- Tom Carpenter/KI8AS's brother passed away.

❖ CARDS & FLOWERS REPORT:

- Cards were sent to the family of Lisa Somers and a \$40.00 donation was made to Camp Kesem at MSU in Lisa's name.
- A card was sent to Tom Carpenter.

❖ PLEASE PAY YOUR DUES:

- CMARC dues to John/KD8NNQ
- LCDRA dues to Michael/W8MKB
- NEW HAMS GET ONE YEAR FREE MEMBERSHIP

GENERAL CMARC MEETING

July 8, 2016

❖ NEW BUSINESS:

- The Club voted tonight to make a donation to the Salvation Army of \$150.00
- A motion to accept the June secretary's report as printed in the July Scope was made by Bob/K8ZAP, seconded by John/KD8NNQ and approved.
- A motion to accept the July treasurer's report as printed in the July Scope was made by Bob/K8ZAP, seconded by Ted/WA8MFQ and approved.
- Need to finish up the 501(c)3 paperwork

❖ 50/50:

- John Hosford/KC8QZB won \$15.50

❖ CLUB ROOM SPRUCE UP:

- Russ/N8FZ is the chairman of this project and is collecting license plates to put up on the wall. For \$2.00 you can get an additional plate. The forms are on the State of Michigan website, www.michigan.gov/sos or you can get a form from Russ/N8FZ. ***If you do bring in a ham plate that you want put in the collection, please give it directly to Russ/N8FZ, so he knows that it is here.***
- Will probably start clean-up work in the Club room, hopefully in August or September.
- Gregg/WB8LZG suggested that we get laptops instead of desktops for the Club room, and then they could be used for Field Day logging.

❖ UPCOMING EVENTS:

- Hamfest, July 30th at Holt Christian Church. We need more canopies, Friday night, before hamfest, we will meet at the Club room at 5:30 to pick up needed supplies to take to the Church. Meet at the Church at 6:30.

❖ CLUB SHIRTS:

- Russ/N8FZ and Sam/N8FPR Fitzgerald are taking over ordering the Club shirts.

❖ AUGUST MEETING:

- We will be having our annual indoor picnic, please bring a dish to pass, and Larry Camp/WB8R will be here. Larry is the Great Lakes Division Section Manager.

❖ FIELD DAY:

- We are at the end of our three year agreement with the City of Mason.
- CW had 485 QSO's, voice 175.
- Thanks to Kenny Hazlett/N8BVV, our PR person for getting Field Day on television and in the newspaper.

❖ MOTION FOR BREAK:

- Don/KB8RAD, seconded by Leota/KD8SQD, and approved.

❖ COFFEE FUND:

- The money collected each month goes to purchase the coffee, creamer, punch, coffee filters, cups, napkins, plates, plastic ware, etc.. Visitors are our guests and are not expected to donate. Also, if you brought in food, you do not need to donate.
- ***Thank you to everyone who brings in food each month and thank you to everyone who helps in the kitchen each month. It is all very much appreciated.***

❖ TONIGHT'S PROGRAM:

- Matt Beha/N8BPI showed pictures from this year's Field Day.

❖ MEETING ADJOURNMENT:

- Motion to adjourn made by Sam/N8FPR, seconded by Russ/N8FZ, and approved.
- Meeting adjourned at 8:10 pm.

Respectfully submitted,
Jane Hosford/KC8FSK-Secretary

CLASSIFIEDS

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.

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

FREE

Hewlett Packard 4100 B&W Laser Printer
It comes with a partially used toner cartridge inside, a second cartridge still in the box, plus power and USB printer cables if you want them. This printer comes from a non-smoking/pet home, but could use a little cleaning inside.

Contact: Chris Ranes/NS8Q
(517) 487-8376 or
ceranes@sbcglobal.net

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 “**Ladies Tea Time Net**” meets every Tuesday night at 7:00 pm on the 145.39 repeater (PL 100.0), with Net Coordinator Janine Lieber/KK6GYM.

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.

The “**MSUARC Friends and Info Net**” meets every Thursday evening at 7:00pm on the 145.39 repeater (PL 100 Hz), with Net Coordinator Gregg Mulder/WB8LZG. The first half of the net is time for chatting, while the second half is for Morse Code practice. If you wanted to learn Morse Code, but didn’t know how to go about doing it, then please join us. The speeds are kept down to a minimum, to make it easier to learn.

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 DeFeyter, 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, KC8BFF
(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.**

Spark in the Park

A Science Fair for Amateur Radio

August 20, 2016

3:00 PM to 8:00 PM

No Admission Charge

Home School Building

5625 Burlingame SW, Wyoming, MI 49509

Sponsoring Club:

Holland ARC, Lowell ARC, Grand Rapids ARA, Allegan County ARC, Kalamazoo ARC,
Muskegon Area Amateur Radio Club, Riverside Radio Amateurs (Ionia County)

More information can be found at www.k8tb.org/sitp.htm





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)		



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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