

THE TUNED CIRCUIT

Club Website: <http://www.n8lc.org>

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APRIL 4TH MEETING PROGRAM

The meeting program will feature our own Doug / N8PYN! Doug will be telling us all (well, much, anyway) about the very popular [BITX](#) HF transceivers. These transceivers are delivered as kits which the end user must assemble. Word has it that there will be a Power Point information dump and actual BITX hardware. It is rumored that Mark / N8REZ will show (off) his 3-D printed enclosure for his BITX project. There may even be demonstrations! Be sure to attend what promises to be a very interesting program.



MEETING time is 7:00 PM



**May TC
Deadline:
April 23th**

CQ MIQP CQ MIQP N8LC MIQP

[Michigan QSO Party](#)

2017 & 2018

Next Meeting - 7:00 PM April
4th 2018 at the Tucker Senior
Center (see [last page](#) for map and
address).

Meeting Program - The program for
our April meeting will be as report-
ed on [page 1!](#)

The NEXT board meeting will be
on Wednesday, May 9th, 2018.

The long awaited results from the 2017 MIQP have been [published](#) at http://www.miqp.org/2017/MiQP_2017.htm. You may recall that the 2017 MIQP was on the Saturday of Easter weekend. That had an impact on club participation, and as a result N8LC did not have a banner year. Usually we are in the Multi-operator/Multi-transmitter class and do quite well, but in 2017 N8LC was a Multi-operator/Single-transmitter station and the club placed 9th ... of 10 entries. In the combined club scores results L'Anse Creuse ARC was 11th of 17. Only N8FYL submitted a log to combine with N8LC for the club score. Like the Detroit Lions, "wait until next year". HiHi The usual crew of MIQP aficionados (N8PYN, K8HVI, K8RO, KD8LLT, N8FYL) have been discussing their 2018 plans. I hear it will be a reprise of the Lapeer county operation at the [Metamora-Hadley Recreation Area](#). It is hard to believe, but this will be the fifth year operating there for MIQP. Probably a 2 station setup: one SSB and one CW (no digital modes used in MIQP). If these plans hold, we will be (as of 3/29/18) the only fixed operation in Lapeer county as reported on the [MIQP Planned Operations page](#). Be sure to pay attention at the April meeting to get the updates on the N8LC plans. Plan now to be part of the fun at N8LC or even work your own station in the 2018 [MiQP](#) on April 21st.

Report of the Secretary

Submitted by Dave, N6WY

Meeting Called to Order:

The LCARC VP and President-Elect, Ken KD8RJN, called the meeting to order at 7:05 PM. Our President, John, N8NXW, was in the kitchen getting refreshments ready for break.

New Visitor Introduction and Roll Call:

I counted 20 people responding to roll call. The new visitor was Bill Blanchard, KE8IYB. Bill received a friendly welcome and he was invited to become a LCARC member.

Program Presentation:

The presentation started before the business meeting in order to allow the presenter to pack-up and leave during the business portion of the meeting.

Veronica from Marvelous Promotions displayed many clothing items and accessories for the meeting attendees to view. All items could have the LCARC logo embroidered on them. Several members had the LCARC logo embroidered on their shirt or jacket that they obtained from Marvelous Promotions. The embroidery of the LCARC logo was top quality and looked great. Veronica donated two cinch bags with the LCARC logo for this meeting door prize drawing. For members that did not order items during the meeting, Scott, W8CQD, can help anyone that wants to make an order. Marvelous Promotions web site is <http://marvelouspromotions.com>.

Minutes Approval:

Clem, W8VO, made the motion to approve the minutes and Cathy, KC8WNL, provided the second.

Treasurer's Report:

Gregg, N8GEO, gave the report.

Total amount in the account is	\$5710.93
The Youth Fund has	\$120.74
The Repeater Fund has	\$639.42
Total available is	\$4950.77

Where's Doug and Tech Report:

Hamfest.

Doug, N8PYN, 03/18/2018 | will be at Toledo Mobile Radio Association Hamfest & Computer Fair in Perrysburg, OH on Sunday, 18 March.

Repeater Report.

Dale, K8RO, and Doug, N8PYN, had a tech night last Wednesday (28 February). They connected the UHF repeater to the antenna that had the best SWR and tuned the repeater. The UHF repeater now has better coverage.

The city did some trouble shooting of their internet network. During that trouble shooting procedure our network ports were closed and were not reopened. Dale said that the LCARC repeater network connection was not the problem the city had with their internet network. Dave, N8HUL, may be requested to help reconnect the LCARC repeater network to the city network. Doug does have a temporary internet connection for the LCARC repeater.

Echo Link is still not working.

Tower Maintenance.

(Continued on page 3)

(Continued from page 2)

Ken, KD8RJN, is working on a RFQ for tower maintenance. Ken will present this RFQ at a LCARC general meeting.

Membership and Tuned Circuit:

John, N8FYL, said that LCARC has 62 paid members and 26 March is the deadline for the next Tuned Circuit Newsletter.

Net Points:

Clem, W8VO, announced Vince, WA8BIJ, received 6650 points.

Old Business:

Pictures of LCARC activities.

Gregg, N8GEO, has a large number of pictures of club activities, but we do not have enough space on the LCARC web site.

Dale, K8RO, will set up a folder on a share drive as a storage location for pictures.

Ken, KD8RJN, will check on the possibility of using Facebook for public viewing of pictures.

"Dayton" Hamvention.

If you want a room that is being held for the LCARC, you need to call the hotel. Contact Gregg, N8GEO, if you need more information. The hotel will release the rooms soon.

LCARC has 4 table spaces. Our club has only one VIP parking spot for the 4 table spaces. LCARC members can use Al's truck for storage.

Macomb Community College (MCC) Tech Night.

John, N8NXW, reminded us that the week of the 27th is Holy Week. Easter is April 1st. Tuesday March 20th is our "Night Out" dinner. John said that we need to change next MCC Tech Night from 27 March to 22 March. The start time is 7:00 PM on the 22nd of March (not the 27th).

Board Meeting.

Next board meeting is 14 March at Roseann's (15 Mile and Gratiot). The official start is 7:00 PM to eat and 7:30 PM for business.

Radio Raffle.

All paper work for the radio raffle at the next LCARC swap and shop was submitted to the State. The State has lost our paper work. Gregg, N8GEO, is working to resubmit the paper work. We should have raffle tickets ready to sell at the GMARC swap on 29 April.

"Night Out" Dinner.

The next Night Out dinner is 20 March at Mavrix located at Mavrix Restaurant & Bar 50308 Schoenherr Rd (23 Mile and Schoenherr).

Cathy, KC8WNK, said that this dinner conflicts with the GMARC general meeting. Maybe the Night Out for next month can be on a different night.

GMARC Swap.

The GMARC first annual Swap is Sunday 29 April from 10:00 AM until 3:00 PM. Early admission tickets can be purchased in advanced that allow attendees inside at 9:30 AM. See GMARC.org for details. LCARC has a table at this swap.

New Business:

Fox Hunt.

The second of the June LCARC general meeting is the fox hunt. Debbie, KC8WHN, volunteered to be the fox using a fox 2 meter transmitter.

Club Supplies.

Cathy, KC8WNL, has some club supplies left over from field day and other activities. These supplies are paper plates, cups, and other miscellaneous items. Gregg, N8GEO, also has club supplies. Gregg agreed to take Cathy's supplies and consolidate and store the miscellaneous items.

LCARC Mobile Van?

Fritz, KE8BFW, said that WDIV has a mobile van that it wants to donate to a club. Ken, KD8RJN, said that he would get information about a WDIV mobile van for LCARC. In the past, the LCARC did have a mobile van with trailer. The storage, maintenance, and insurance for the van was a problem.

Michigan OSO Party.

The 2018 MiQP is the third weekend in April (21st and 22nd).

Raffles:

50/50.

Marty, K8HVI, \$19.00

Door Prizes.

(someone only purchased 3 tickets and won 3 prizes)

John, N8FYL	case	Debbie, KC8WHN	Marvelous Promotions Pouch with LCARC logo
John, N8FYL	screw driver set	Doug, N8PYN	Marvelous Promotions Pouch with LCARC logo
John, N8FYL	knife	Keith, W8KD	ammo box
Ken, KD8RJN	screw driver set	Clem, W8VO	screw driver set
Scott, W8CQD	pliers set	Dave, K8GTV	flash light
Marty, K8HVI	beer can <u>huggie</u>	Jenny	knife

Meeting Adjourned:

A chorus of 1st and 2nd motions were made to adjourn the meeting. Ken, KD8RJN, adjourned the meeting before 9:00 PM.

An Antenna Design for Small Spaces or Attics

Submitted by Carl / W8WZ

A member of our club here in Raleigh is an RF design professor at Duke (Dan, [KW4TI](#)). Professionally he is working to design the next generation RF imaging systems that will scan travelers at airports as they walk down the hallways so we won't have to stand in line at TSA check points. The entire airport will be one giant TSA checkpoint that does X-ray type imaging of us as we walk around the airport. If TSA sees something suspicious they will just take that person aside for a detailed search. That's the future I guess. . . Any way - in his free time, Dan designed a dipole antenna especially for hams who live in antenna restricted areas to put in their attic. Several hams in our area are using this antenna with good results. Dan wrote an article about it for the [Raleigh Amateur Radio Society](#). The article can be found at: <http://www.rars.org/atticantenna.pdf> and on Dan's [QRZ page](#).

73,

Carl / W8WZ

Board meeting Minutes

LCARC Board Meeting

John, N8NXW, started the meeting at 7:35 PM on March 14, 2018. We had an informal board meeting with good discussions by all attendees.

Attendees:

President, John, N8NXW	Technical Officer, Doug, N8PYN	Cathy, KC8WNK
VP and President-Elect, Ken, KD8RJN	Past President, Debbie, KC8WHN	Jenny Vandecar
Treasurer, Gregg, N8GEO	Secretary, Dave, N6WY	

Discussion Items:

New Member.

Bill, KE8IYB, joined our club after the last general meeting. Greg, N8GEO, gave Bill a General Exam Study Guide.

Repeater Antenna Tower.

The antennas on the repeaters tower has top priority.

Doug, N8PYN, said that the UHF antenna at the 100 foot level has a high SWR and needs replacing. The VHF antenna at the top of the tower was replaced 3 times over the years and it needs to be replaced again. We should purchase 3 repeater antennas for our contractor to install on the tower. One UHF replacement antenna for the 100 foot level, one VHF replacement antenna for the top, and another UHF antenna to be mounted at the top.

Ken, KD8RJN, is preparing bid request letters to three antenna companies for installing the new antennas. Ken asked for a name of a city representative that can authorize our contractor to climb the tower. Ken was told that Dale, K8RO, knows the name of the person that can authorize a tower climb.

WDIV Van:

Ken, KD8RJN, said that the WDIV van has no value to the club. All meeting attendees concurred.

LCARC Facebook.

Our club has had a Facebook page for about 4 years. Doug will make Ken a moderator.

Approved Vendor List.

Some discussion about having a list of vendors that club used and could recommend. This vendor list need not be related to amateur radio. The LCARC is not going to endorse or approve any vendor. The vendor list is to let other club members know that a club member had good experience with a vendor.

Cash Donation to Tucker Center.

In the past, the LCARC has made a cash donation to the Tucker Center of \$100.00. Gregg asked if we should donate \$100.00 again. Two years ago, the donation was made in May and last year, the donation was made in March. All attendees said yes to making a \$100.00 in March for this year.

General Meeting Presentation.

Jenny has a contact that can give an interesting presentation at one of our general meeting. Jenny said that she will coordinate with the Activities Manager, Scott, W8CQD.

Miscellaneous Club Supplies.

Cathy, KC8WNK, and Gregg, N8GEO, coordinated the consolidation of miscellaneous club supplies. The miscellaneous items include paper plates, cups, coffee pots, etc.

Reservations.

Gregg will call Addison Oaks for summer field day and Bentley's for after fox hunt.

Winter Field Day.

Next year, we are considering a 24 hour winter field day at the Tucker Center.

2018 Hamvention Rooms Info

Submitted on 03/26/18 by Gregg / N8GEO

Hey everyone, last chance for Dayton 2018 reservations at the Holiday Inn Express. It's the same place that we stayed at last year.

Here is the link [shortened so it works here. Ed].

<https://goo.gl/X5LVcs>

Holiday Inn Express & Suites Dayton-Centerville

Map of the location: [Website](#)

[Directions](#)

[Address](#): 5655 Wilmington Pike, Dayton, OH 45459

[Phone](#): (937) 424-5757



The reservation is under L'Anse Creuse.

The price is \$150.00 per night (plus tax) for either a King or Double Queen room.

It's a nice place and the staff is very friendly. It's also just far enough away from the Hamvention. To make your reservation please call the above number and mention that you are with the L'Anse Creuse Amateur Radio Club. [Or maybe the "Crump Block". Editor] Give them the days that you will be staying and then give them your credit card number and you will be all set.

73 Gregg N8GEO

Night Out on the Town – April Showers!

Submitted by Gregg / N8GEO

Well we had another great evening out with club members and their spouses. Each month since we have started our group gets bigger: January had 13 folks, February 18 folks and March was a whopping 22 people. March's gathering was at Mavrix on 23 and Schoenherr. Good food, great service, and fair prices.

For those of you that don't know how this works it's pretty simple. It's just a fun night out and something new and some place new to eat out. It happens on the 3rd Tuesday evening of the month at 6:30 pm at a predetermined restaurant. Usually someone at the dinner accepts the responsibility of setting the next month up. We figure that way everyone has a chance to pick a place in the area where they live, and a chance to share with others one of their favorite spots. The responsible person just needs to call the restaurant let them know that we are going to show up and that's it. Pretty easy. They also have to tell everyone else where the next month's restaurant is. We have been having a great time and usually we don't start leaving until around 9pm. You can leave any time you want but we usually end up talking and having a great time.

Why don't you give it a try in April? **Mark N8REZ** and Sheryl (his wife) are setting April up so keep your eyes and ears open and soon you will hear of the spot and just show up.

73

Gregg

ARRL: How can we help?

By Dan Romanchik, KB6NU cwgeek@kb6nu.com

Recently, I received this email from a reader:

*“Hi Dan,
Hope you’re doing well. I have a couple of questions about the ARRL. I’ve been reading your blog and other sources, and it’s clear that the ARRL is in a little trouble. I have to say, though, that as soon as the current administration in D.C. notices that some of their friends can make money off of amateur radio bandwidth, the whole amateur radio service is in very serious jeopardy. The only way I can think of to counter that would be an organization like the ARRL, and I think there’s really only one organization like the ARRL. Is that not true? If it is, how can we help?”*

I replied that it is true that there’s only one organization like the ARRL. In the past, there have been groups that have tried to compete with the ARRL, but they’ve never really taken off. It’s an incredible amount of work to set up an organization like the ARRL and none of the alternates have been able to get to critical mass.

The second question — How can we help? — is the big question. Here are a few thoughts:

- Join the ARRL. If you’re not currently a member, join. You’ll have little or no influence, if you are not a member.
- If you are a member, but your friends are not, encourage them to join. The more members the ARRL has, the more influence it will have. This is common sense, but the ARRL doesn’t really seem to care about this. In the past, I’ve encouraged the ARRL to set a membership goal of 25% of licensed radio amateurs ([link 1](#), [link 2](#)). I honestly don’t think this is asking too much, and I’ve never heard a good argument for them not to do this. They continue to ignore me, and the percentage of licensed radio amateurs that are ARRL members continues to decline.
- Take an interest in ARRL matters and let your

director and vice director know your views. Get your friends to do likewise. Get on the mailing lists for the board meeting agendas and minutes. To do this, log into the ARRL website, click on “Edit your profile,” then “Edit email subscriptions.”

- Invite your ARRL elected officials—your division director, vice director, and section manager—to talk at your club meetings. Be prepared to grill them on issues that you think are important.
- Run for office yourself. I ran for Great Lakes Division vice director twice. Unfortunately, I lost both times, but even running is a way to have an impact. I’d like to see the “loyal opposition” get organized and challenge the status quo, especially in divisions where I think the current director is making bad decisions.

Having said all that, there are ways to make an impact besides playing ARRL politics:

- Get on the air. It’s easier to lose bands if we’re not using them. Encourage others to be active.
- Be an Elmer to those that need it.
- Teach classes to help those who want a license get a license and to help those who are already licensed to upgrade their licenses.
- Be an ambassador for amateur radio, especially to related groups, such as the “maker” groups that have sprung up around the country. Make sure that they know about your amateur radio club and the classes and exam sessions that you offer.

I’d love to hear any other thoughts that you all may have on this. I really do think that at this point, we need to inundate the ARRL Board and staff with input from the membership. While they may have a long history of ignoring the membership and just going about their own merry way, now is really a time of change, and this might be the right time to set the ARRL on a better path.

When he's not getting all worked up over ARRL politics, Dan blogs about amateur radio at KB6NU.Com, teaches amateur radio classes, and works CW on the HF bands. He's the author of the *No Nonsense* amateur radio license study guides and *The CW Geek's Guide to Having Fun with Morse Code*.

Membership Report

As advertised, after the February meeting, the membership list has been culled of those who did not renew their membership. However we have had some new members join. We now have 63 members: 54 regular members (4 of whom are enjoying their “first year free” experience), and 9 life members.

I counted 18 members and two visitors (Ray/W8PIE, and newly licensed Bill/KE8IYB) present at the March meeting.

A couple of days after the meeting Bill Blanchard / KE8IYB joined the club. Welcome Bill!
John N8FYL 3/28/18



Dayton Youth Forum

The 2018 Dayton Youth Forum runs Saturday morning from 9:15 AM, to 12:00 PM, in Room 2. Everyone will not be interested in sitting there for three hours, but it would be nice to see some LCARC people there during the last hour or so, to possibly get some recognition for our ongoing contributions to the Youth Forum. Several ham gear distributors are donating prizes for the Adult Raffle (you must be present to win), and some great HF rigs and HTs have been taken home by lucky adults who were present.

Hamvention 2018.. Don't miss the USECA Bus! Saturday, May 19th

Come spend a day (May 19th) at Hamdom's largest gathering in its second year at it's all-new location! Major manufacturers, hundreds of vendors, a HUGE Flea Market, good food, and beer, all in a country fair atmosphere.

USECA's planned non-stop bus ride is the quickest and closest pick-up in the area (14 Mile & VanDyke by Walmart)... we get you there on Saturday before Hamvention opens in comfort and style. There's power at every seat, video screens, and a bathroom aboard. Plug in your HT, phone, laptop, or DVD player and ride in comfort or snooze... your choice! Reserve your seat now! Get your registration in now!

You can reserve a seat now and assure *your* visit to Hamvention by using the registration form



found in the March *Tuned Circuit*. [Also available in recent issues of *The USECA Express* newsletter found here: <http://usecaarc.com/express/Feb2018.pdf>] Total cost for 2018 is unchanged @ **\$55 roundtrip**. (Monies are non-refundable, see form) and do not include your Hamvention entry ticket (~\$25). Make a little plan Stan, get on the bus Gus. Get yourself free Lee... Don't miss Hamvention in Xenia!!

If you're going to mail your registration, be sure it's filled out completely and mailed to

USECA's PO Box (*listed on form*) ASAP (Mailed forms MUST be received before May 8th). We will accept last minute full-price walk-ons providing there's a seat available AND you have a completely filled out registration form in hand plus \$55 cash (*exact change*). Be at the pick-up site EARLY if you go this route, and expect to be the last seated if the bus is near filled. The bus will leave promptly at 4am... no need to be a USECA member to ride along! It's the easiest way to get to the “big show” in comfort. Arrive rested and ready to spend a whole day looking for deals and scoping out rigs and accessories. The bus is available to you during the course of the day to drop off items or rest your feet.

Contact Ken, N8KC for more info if needed at n8kc@arrl.net or 248-652-1187.

KOP Special Event Belle Isle

Excerpted from Michigan Section News— Jim / K8JK

Michigan always seemed to be first in many things, here's another: "the first broadcast to police cars". (read the attached excerpt below).

We invite local Amateur Radio enthusiasts to come to Belle Isle on April 7th between 10 AM and 4 PM, and bring their low power (QRP?) emergency communications gear and help us 'work' the Special Event station KOP and celebrate the 90th anniversary of the first radio broadcasts to police patrol cars.

Come have fun, enjoy the day, the company, and meet different folks.

This should be a good time to check out emergency communications gear with minimum preparation and quick and easy antenna setups. (I think too many of us treat Field Day more as a contest than an check of our preparedness and a chance to improve our emergency operating skills.) Contact Kimball Williams, N8FNC (k.williams@ieee.org) or Bill Boyke, N8OZV (wboyke@ford.com) for more details.

Milestones: One-Way Police Radio Communication, 1928

Detroit, MI Dedicated May 1987 (IEEE_Southeastern_Michigan_Section_History)

At this site on April 7, 1928 the Detroit Police Department commenced regular one-way radio communication with its patrol cars. Developed by personnel of the department's radio bureau, the system was the product of seven years of experimentation under the direction of police commissioner, William P. Rutledge. Their work proved the practicality of land-mobile radio for police work and led to its adoption throughout the country.

The plaque can be viewed in the Harbormaster Station on Belle Island of Detroit, Michigan, U.S.A., at the front south-west corner near the main entrance door to the building.

In the 1920s gangster era, bank robbers and bootleggers made clean getaways time after time, to the great consternation of police. For this was before reliable mobile- radio communications existed, communications that could have quickly dispatched patrol cars to the scene of the crime.

But in 1928, a dedicated Detroit patrolman and an electronics buff devised the first successful one-way radio link between police headquarters and cruisers. Critical news of crimes in progress could now be transmitted from the stationhouse to police cars as they drove.

Electronics was a fledgling science when Detroit Patrolman Kenneth Cox and Robert L. Batts, an engineering student, built a stable radio receiver and antenna system. Their successful one-way radio, coming after years of trial and error, was installed in April 1928. The Detroit Police Department made history as the first to dispatch patrol cars regularly by radio. Many city police departments shortly followed suit with their own systems.

Between 1921 and 1927, radio buffs Kenneth R. Cox, Walter Vogler and Bernard Fitzgerald, all Detroit police officers, experimented with radio sets they had installed in the back seat of a Model T Ford police patrol car. The receivers picked up signals, but not very consistently. Frequently, broadcasts would fade out as the car passed large buildings or under railroad bridges. Also, police had no designated band on which to broadcast, so the system operated like any radio station. The station was appropriately called KOP and listed locally as an entertainment station.

To meet FRC (Federal Radio Commission, predecessor of the FCC) licensing requirements, police officers broadcast recorded music in between lists of stolen vehicles and descriptions of missing children.

Persistent work by Cox and Robert Batts led to the development of an improved receiver in 1927. A broadcasting station, W8FS, was set up on Belle Isle and regular dispatches began in 1928. (Source: Detroit Free Press).

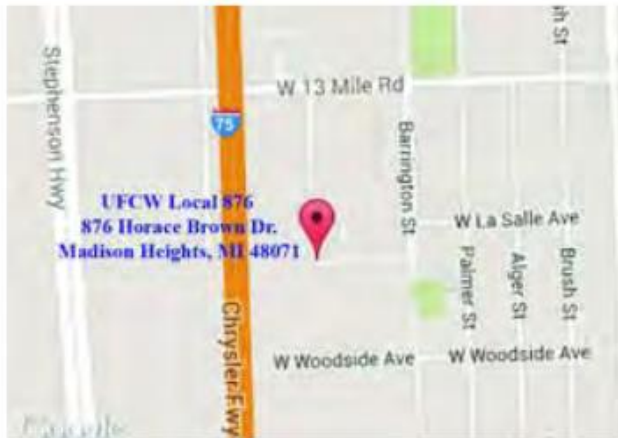


**Amateur
Radio
Club**

**1st Annual Technology Swap
Sunday - April 29, 2018
10:00 AM until 3:00 PM**

***** HAM Radio, Computer & Robotic Maker's EXPO ***
Madison Place Convention Ctr - 876 Horace Brown Dr - Madison Hts**

WW8GM - Talk-in 443.075 MHz + 123 Hz PL
ARRL VE Testing Session - 11:00 AM
Tables \$15.00 (in Advance) • \$18.00 (at the Door)
Tickets \$5.00 (in Advance) • \$6.00 (at the Door)
Early Admission (9:30 AM) \$10.00 (in Advance only)
NEW for VENDORS!
Vendor set-up time with paid admission
April 29th 6:30 AM - 10:00 AM



an ARRL Approved
Hamfest

PRIZES
1ST
CASH PRIZE \$100.00
2ND
CASH PRIZE \$50.00
3RD
CASH PRIZE \$25.00

E-Mail Address: Swap@gmarc.org
Phone: Mike Carelli W8MJC (248) 835-9545
OnLine Ticket / Table Order: www.gmarc.org/SwapInfo/

Note - VE Testing: Show up between 10 AM & 11 AM. Bring \$14.00 cash, photocopies of existing licenses or CSEs (originals not accepted). Two pieces of ID are also required, one of which must have a photo. You must also provide either your Social Security number or FRN. Pre-registration is preferred but not required. Contact: Ron WD8MNX - wd8mnx@gmail.com.

Name _____ Call Sign _____
Address _____
City _____ State _____ Zip _____
Phone (_____) _____ E-Mail _____
Tickets _____ @ \$5.00 _____ Tables @ \$15.00 _____ Enclosed \$ _____

Mail to: GMARC Swap -1853 Willowood Dr - Rochester Hills, MI 48307-4356
TABLE RESERVATIONS MUST BE RECEIVED BY APRIL 1, 2018

FREE CLUB TABLE at the GMARC Hamfest and Technology Swap

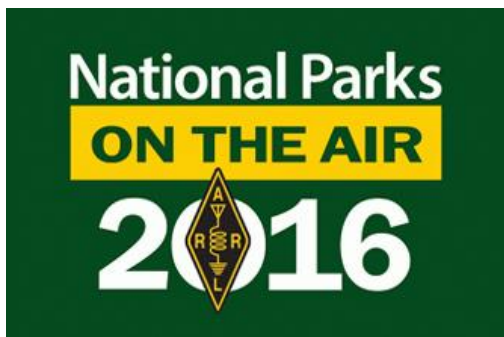
Excerpt of a communication from the GMARC Swap Committee 16 March 2018

In the spirit of fellowship and camaraderie among the amateur radio community, the GM Amateur Radio Club would like to take this opportunity to invite the L'Anse Creuse Amateur Radio Club and its members and friends to attend the first of what we expect to be a long running annual Ham Radio, Computer, and Robotic Maker swap-n-shop event by offering a

FREE TABLE FOR YOUR RADIO CLUB (sorry, table only) for the event.

The Editor says: I believe that our swap-aholic Doug/N8PYN has made the arrangements for the L'Anse Creuse table. If you've got something to sell, and you're going to the GMARC event, use the club table!

In 2014 we all had a chance to participate in the ARRL Centennial QSO Party. A lot of fun was had by many operators working the W1AW operations from each state.



Two years later, and the ARRL brought us the Nation Parks on the Air operating event. More fun, especially for those many activators with their many portable set ups.

Now it is 2018 and the ARRL had organized the ARRL International Grid Chase. The objective of the ARRL International Grid Chase is simple: Work stations in as many grid squares as possible and upload your log data to ARRL's Logbook of The World (LoTW). Get on the air, have fun, and upload your logs to LoTW! Learn all the details on the ARRL website.



Future Programs & Activities

Scott Hernalsteen, W8CQD — Activities Manager

- April 4, 2018 Regular meeting. Bitx transceiver presentation by N8PYN — MIQP in 17 days!
- April 21, 2018 Michigan QSO Party—noon to midnight Eastern time. 80, 40, 20, 15, 10 meters. Exchange is serial # and county
- May 2, 2018 Regular meeting
- May 18 – 20, 2018 “Dayton” Hamvention
- June 6, 2018 Regular meeting & Fox Hunt!
- June 23/24, 2018 ARRL Field Day [Note: FD is the 4th FULL weekend in June NOT June 30th!]
- July 6 & 7, 2018 ARRL Michigan Section Summer Outing [projected date—Editor]

L'Anse Creuse ARC Board Members – 2018

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Activities Manager

Scott Hernalsteen, W8CQD
 40202 Vincenzia Dr
 Clinton Twp, MI 48038-4084
 586-201-5713
w8cqd@arri.net

Past President

Debbie Vandecar, KC8WHN
 39816 Elmite
 Harrison Twp., MI 48045
 (586) 468-0752
kc8whn@wowway.com

Technical Officer

Doug Chauvin, N8PYN
 29112 Elmwood St.
 St Clair Shores, MI 48082
 (586) 775-1891
n8pyn@yahoo.com



LC Echo 2 Meter Repeater
 Yaesu DR-1X 147.080 MHz
 100 HZ PL



LC Echo 440 Repeater
 Yaesu DR-1X 442.925 MHz
 100 HZ PL

Board Meeting Time and Location

Board Meetings are held at 7 pm on the Wednesday after the regular membership meeting in September, November, January, March, and May. The location is [Roseann's Kitchen, 21400 15 Mile Road](#), Clinton Charter Township, MI. All club members are welcome to attend and have dinner. Talk-in through the LCARC ECHO 2 Meter repeater (147.080 MHz, +600 KHZ, 100 Hz PL tone). Should a board meeting have a planned cancellation, this cancellation will be announced in the newsletter.

Club Founder - Art Ellis W8PBO

Club Committee Chairmen

ARRL HF Awards Manager	Tom Mathison	WU8C	Licensing Classes	TBD	
ARRL HF Awards Assistant	Vince Cuker	WA8BIJ	Little Bay Awards	Vince Cuker	WA8BIJ
ARRL VHF/UHF Awards Manager	Allan Koch	KA8JJN	Meeting Refreshments	Debbie John	KC8WHN N8NXW
Call Sign ID Tags	Gregg Crump	N8GEO	Membership Chairman	John Huber	N8FYL
Christmas Party	Keith Harris	W8KD	TC email distribution		
Club Apparel & Patches	Scott Hernalsteen	W8CQD	Net Points Manager	Tom Mathison	WU8C
Club Call Trustee - K8AYZ	Ted Bak	K8EO	Net Points Upgrade Awards	Gregg Crump	N8GEO
Club Call Trustee - N8LC	Marty Folz	K8HVI	TC Postal Distribution	Vince Cuker	WA8BIJ
Code Proficiency Awards	Vince Cuker	WA8BIJ	Outgoing QSL Manager	Dale McGorman	K8RO
Dayton Trip	Gregg Crump	N8GEO	QSL Cards	Dale McGorman	K8RO
Door Prizes—Buyer	Doug Chauvin	N8PYN	Swap Chairman	Russ Price	N8HAR
Door Prizes—Tickets	Wayne Hearn	WG8U	<i>Tuned Circuit</i> Editor	John Huber	N8FYL
Echo Repeater Trustee	Marty Folz	K8HVI	Volunteer Exams	Cliff Ibbs	AB8XQ
Field Day			Webpage (n8lc.org)	Doug Chauvin	N8PYN
Health & Welfare			Webpage Assistant	Marty Folz	K8HVI
			Youth Forum (50/50) [Alternate]	Ralph Irish John Slobodnik	W8ROI N8NXW

The Tuned Circuit

This publication of the L'Anse Creuse Amateur Radio Club is issued for the months of September through June of each year. *The Tuned Circuit* has been formatted to be read easily with any reader programs for our visually impaired readers; however, an audio tape or a larger print version of its contents will be made available, upon request to the editor. We welcome any comments, concerns, corrections, congratulations, or complaints. Please submit such communications to the [Editor](#):

John H. Huber N8FYL

Email: n8fyl@arrl.net or editor@n8lc.org

Phone: (248) 740-2693

Submissions will be accepted in any of the standard PC formats. Microsoft Office, Open Office, plain text, rich text, PDFs, and any type of image format. Unfortunately audio files and movies cannot be accepted, as they cannot be reproduced on paper, but links can be reproduced to these types of media if you'd like to provide a link.

VE Testing Locations

Ann Arbor (ARROW)): Mark Goodwin, W8FSA, w8fsa@arrl.net, 734-930-6564.
Second Saturday of each month.

Hazel Park—Jerry Begel, W9NPI, w9npi@arrl.net 248-543-2284

First Tuesdays of Even Months

Motor City 313-676-6284

USECA <http://usecaarc.com/test/>

3rd Monday Monthly except during the months of July and August at the Mt. Clemens Elk's Lodge at 7 pm

LCARC

February 6, 2018 and May 21, 2018 at the Tucker Senior Center.

Online Practice Exams and Morse Resources

Online Practice Exams

<http://www.eham.net/exams>

<http://www.qrz.com/testing.html>

<http://www.ah0a.org/AHOA.html>

Morse Code

Learn CW Online <http://lcwo.net/>

<http://www.g4fon.net>

<http://www.pdarrrl.org/k6rau/>

<http://www.ac6v.com/morseaids.htm>

<http://morsecodemasters.com/trainer/Examples/hct.html>



Upcoming Swaps

04/29/2018 | [1st Annual GMARC Swap & Shop](#)

Location: Madison Heights, MI

Type: ARRL Hamfest

Sponsor: General Motors Amateur Radio Club

Website: <http://www.gmarc.org/SwapInfo>

[Learn More](#)

05/05/2018 | [Cadillac Hamfest](#)

Location: Cadillac, MI

Type: ARRL Hamfest

Sponsor: Wexaukeee Amateur Radio Club

Website: <http://www.wexaukeearc.org>

[Learn More](#)

05/18/2018 | [2018 Dayton Hamvention](#)

Location: Xenia, OH **Type:** non-ARRL Hamfest

Sponsor: Dayton Amateur Radio Association

Website: <http://www.hamvention.org>

[Learn More](#)

06/03/2018 | [Chelsea Amateur Radio Swapmeet](#)

Location: Chelsea, MI

Type: ARRL Hamfest

Sponsor: Chelsea Amateur Radio Club

Website: <http://wd8iel.com>

[Learn More](#)

06/16/2018 | [Midland ARC Hamfest](#)

Location: Midland, MI

Type: ARRL Hamfest

Sponsor: Midland Amateur Radio Club (W8KEA)

Website: <http://www.w8kea.org>

[Learn More](#)

06/17/2018 | [Monroe Hamfest](#)

Location: Monroe, MI

Type: ARRL Hamfest

Sponsor: Monroe County Radio Communications Association

Website: <http://www.mcrcra.org>

[Learn More](#)

07/21/2018 | [Gladwin Area ARC Hamfest](#)

Location: Gladwin, MI

Type: ARRL Hamfest

Sponsor: Gladwin Area Amateur Radio Club

[Learn More](#)

07/28/2018 | [Central Michigan ARC Hamfest](#)

Location: Lansing, MI

Type: ARRL Hamfest

Sponsor: Central Michigan Amateur Radio Club

Website: <http://www.centralmiarc.com/outdoorhamfest.php>

[Learn More](#)

L'Anse Creuse Amateur Radio Club Nets

Day	Time		Band	Mode	Frequency	Net Control	Calendar
	UTC	EDT					
Monday	2330	1930	15 M	CW	21.165 MHz	Vince, WA8BIJ	Every Monday
Monday	0030	2030	15 M	USB	21.395 MHz	Clem, W8VO	Every Monday
Monday	0100	2100	6 M	USB	50.160 MHz	Gregg, N8GEO	Every Monday
Tuesday	0000	2000	2 M	Packet	144.93 MHz	Vince, WA8BIJ	Every Tuesday (Connect to detqso)
Thursday	2330	1930	10 M	USB	28.435 MHz	Wayne WG8U	Every Thursday
						Clem, W8VO	1st Thursday
						Wayne, WG8U	2nd Thursday
Thursday	0030	2030	2 M	FM	147.08+ MHz	Gregg, N8GEO	3rd Thursday
						Rose, K8VFR	4th Thursday
						Vince, WA8BIJ	5th Thursday

Membership Request

Date: ___/___/_____

Request For:

\$20.00 LCARC Individual Membership
Are you a New Member? (Y / N)

\$30.00 LCARC Family Membership

\$10.00 Print and Mail me *The Tuned Circuit* via US Mail

\$2.00 LCARC Student Membership (Under 18 years of age)

\$5.00 Club Badge created with my Name and Call sign

Please update my membership information because it has changed.

Call sign: _____ Old Call Sign: _____ Street: _____

Name: _____ City: _____ State: _____

Spouse: _____ Zip: _____ - _____ 6 Character Grid Square (optional): _____

Phone: (_____) _____ - _____ Email Address: _____

(Please indicate your name above even if it hasn't changed, so we know who's giving us money and can mark that you've paid in our records.)

L'Anse Creuse Amateur Radio Club
Gregg Crump, N8GEO
29729 South River Rd
Harrison Twp MI 48045-3030

Only membership applications to go this address, all other mail should go to the club's main PO Box. Make sure you use the full 9 digit zip code when mailing in your application.

Treasurers Box
Date Paid: _____
Amount: _____
Initials: _____

Note: LCARC dues are from Nov **1st to Oct 31st**

Class License (Circle One)

Novice Technician Tech+
General Advanced Extra

I am an ARRL Member: (Y / N / Life)

The Tuned Circuit

Monthly Bulletin of the L'Anse Creuse Amateur Radio Club

First
Class
Postage

L'Anse Creuse Amateur Radio Club

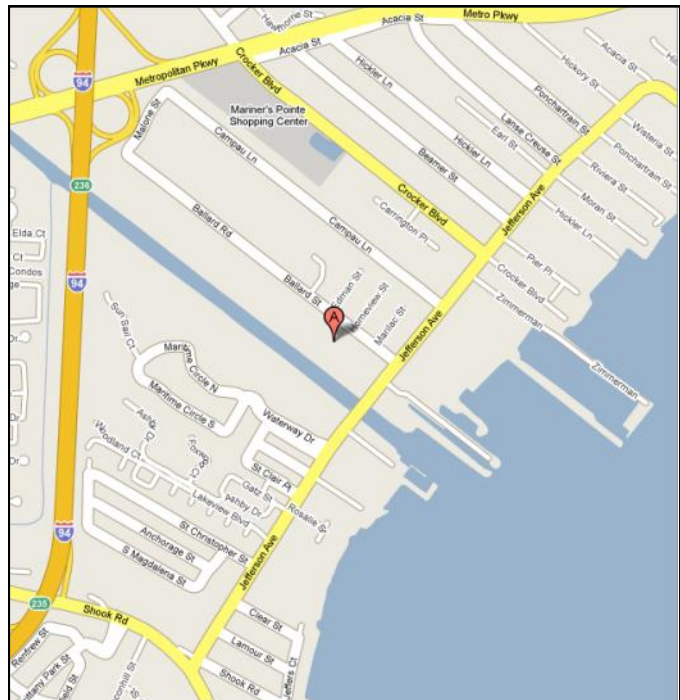
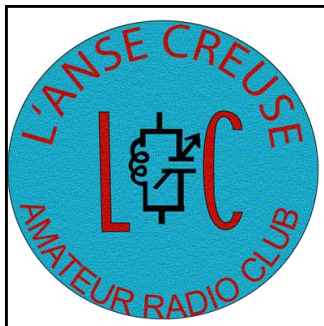
P.O. Box 180072

Utica, MI 48318

LCARC Web Site

<http://www.n8lc.org>

E-mail: info@n8lc.org



The L'Anse Creuse Amateur Radio Club meets at 7:00 pm the first Wednesday of each month, except during July and August. Meetings are held at Tucker Senior Center located at [26980 Ballard St, Harrison Township, MI 48045](#) unless indicated otherwise in the most current issue of the Tuned Circuit. Call-in on the Echo Repeater (N8LC) on 147.08 MHz (+ 600 KHz, 100 Hz PL tone) for any meeting information, or to ask a member for the location of the meeting.