

## THE TUNED CIRCUIT

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

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**The Deadline for  
the next TC:  
Monday  
February 26th**

Next Meeting - 7:00 PM

**February 7th 2024** at the  
Tucker Senior Center (see last page  
for map and address) with Zoom  
video conference access.

Meeting Program - The program  
for our meeting will be as  
reported on page 6!

The NEXT board meeting might be  
on Wednesday, February 14th,  
2024 via Zoom. Click here for  
details .

## THE PREZ SEZ

## Reflecting on Winter Field Day and Looking Ahead

Greetings L'Anse Creuse Radio Club Members,

As we embrace the chilly winds of February, it's time to catch up on the latest happenings within our radio community. Let's dive into the details and explore what's on the horizon:

**1. Winter Field Day Recap:** Winter Field Day has come and gone, leaving behind memories of camaraderie and shared enthusiasm for amateur radio. I must express my sincere apologies for missing this year's event due to overseas travels in Panama, Columbia and Costa Rica. I truly enjoyed Winter Field Day last year, and it's unfortunate that conflicting schedules kept me away. I'll make sure any future adventures are planned for non-club activity days to ensure maximum participation. See below for more information about Winter Field Day this year.

**2. Dayton Hamvention Alert:** Mark your calendars! Dayton Hamvention is just around the corner. If you plan on attending and need accommodation, don't delay—reserve your room now before they fill up. The L'Anse Creuse Radio Club will have a table at the event, and your help in selling club equipment and raffle tickets is much appreciated. Let's make our presence felt at this iconic gathering of radio enthusiasts.

**3. Volunteer Opportunities:** We're still on the lookout for dedicated members to take on the roles of Activities Manager, and ARRL Liaison. If you're passionate about our club and want to contribute to its growth, getting involved in these capacities is a fantastic way to make a meaningful impact. Your participation can shape the future of our club.

**4. Digital Challenge Update:** The response to the digital challenge has been fantastic! It seems many of you were waiting for the right reason to delve into digital modes. Kudos to everyone who participated. Remember, RTTY logs are due by the 14th of February. The February challenge shifts to PSK modes, and later in this newsletter, you'll find an [article](#) discussing the ins and outs of PSK.

**5. Siren Testing and Community Support:** Our participation in siren testing continues to be a success, and the county appreciates our valuable contribution. Choose a siren near you from the list, observe, and report back on what you see and hear. Your involvement strengthens our community ties

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and showcases the positive impact amateur radio enthusiasts can have.

As we navigate through February, let's stay connected, engaged, and excited about the world of amateur radio. Your contributions, whether on the airwaves or within the club, play a crucial role in shaping our collective experience.

Wishing you all happy tuning and successful PSK challenges!

73,

Dennis Jarzombek / N8MKG, President

## Report of the Secretary

Submitted by Dennis Ruth / AC8JH

### Meeting Call to Order:

President Dennis/N8MKG called the January 3<sup>rd</sup>, 2024, LCARC general membership meeting to order at approximately 7:00 PM at the Tucker Senior Center. A Zoom session was also available for those not able to attend in person.

### Roll Call: The following members were in attendance:

Dennis/N8MKG, Gregg/N8GEO, Scott/K8VXM, Marty/K8HVI, Doug/N8PYN, John/N8FYL, Matt/KD8LLT, Scott/W8CQD, Rick/K8RWM, Dennis/AC8JH, Russ/N8HAR, Ken/N8KC, Mike/N5WCS, Ralph/W8ROI, Clint/WB8ORM, Lito/K8AJJ, Keith/W8KD, Tim/AD8JL, Tyler/KE8WFY, Jeff/KC8RFC, Dave/KC8BQW, Dennis/WC8C, Jim/WI8W, Michelle/N8KKG, Dale/K8RO

### On Zoom:

Ken/KD8RJN, Fritz/KE8BFW, Tom/WU8C, Dave/W8WWP, Philip/K8ZOO, Dave/KZ8Z, Tony/KD8SRQ, Henry/N8AT, Mark/N8REZ.

**Visitors:** No visitors

**FCC license upgrades:** none

### January Meeting Minutes:

A motion to approve the December 2023 meeting minutes as posted in *The Tuned Circuit* was made by Dale/K8RO and seconded by Marty/K8HVI. The motion passed.

### Treasurer's Report: by Gregg/N8GEO:

Total amount in the account is	\$12,915.00
The Youth Fund has	\$88.00
Outstanding check at the Knights of Columbus for the radio raffle	\$(3,280.00)
Total available (unallocated) is	\$9,547.00

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A motion was made by Tom/WU8C to approve the Treasurer's report, seconded by Dale/K8RO. The motion passed.

**Swap News:** Gregg/N8GEO gave an overview of the Livonia Swap coming up on Saturday February 17, 2024, at the Monaghan Banquet Center starting at 9 am to 12 noon, admission is \$5.00. Link to swap location: <https://www.mapquest.com/us/michigan/monaghan-banquet-center-372414009>

**Net Control Operators Needed:** Gregg/N8GEO stated we are managing the nets with the number of Net Control Operators we have but can always use more to help fill in to help relieve Tom/WU8C.

**2M Repeater Interference:** Gregg/N8GEO asked if anyone has heard the interference. As of the meeting, no one has heard the interference. We believe it may be related to interruptible service for air conditioning and it may come back when summer returns.

**VE Testing:** Gregg/N8GEO stated we are still looking for more VEs. Go to ARRL.org web site for info on how to become certified. Next VE session is March 18, see info on LCARC web site.

**Monthly Dinner Out:** It's Back!

**When:** Wednesday, January 24, 2024, 6:30pm to 9:00pm

**Where:** Bath City Bistro, 75 Macomb Place, Mt Clemens, MI 48043

**Organizer:** Gregg n8geo.ham@gmail.com 5867382487

Please send Gregg an e-mail at n8geo.ham@gmail.com by January 22.

**Membership Report:** John/N8FYL. We have 97 members of which 4 are life members and 8 are enjoying the first-year free membership experience. As of the December meeting we have 20 members yet to renew their membership.

**Tuned Circuit:** John/N8FYL -The February Tuned Circuit deadline is Monday January 29<sup>th</sup>, 2024.

**Health and Welfare notices:** Dennis/N8MKG said his wife Cheryl/N8MKF will send out bereavement notices and Thank you cards. Give the information to Dennis/N8MKG.

**QSL:** Dale/K8RO – 71 QSL's covered and 191 needing to be looked at though many have been confirmed by QRZ already.

**Net Points:** – No report this month.

**Where's Doug:** Doug/N8PYN – Livonia is the next swap coming up. See *The Turned Circuit* for details.

**ARRL Report:** Looking for someone to report on the ARRL happenings. Dennis/N8MKG said the ARRL national convention is being held at Xenia Ohio on May 17-19 with dozens of exhibits.

**Technical Committee Report:** Doug/N8PYN – Doug removed his own power supply and replaced it with a donated power supply.

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**Swap Meet:** Russ/N8HAR provided an update on the radio to be raffled at the swap. The new radio to be raffled off is a Yaesu FT-710. Marty/ K8HVI made the motion to spend \$1,100.00 for this purchase and Dale K8RO seconded the motion. Motion carried.

**Siren Test Reporting Update:** Marty/K8HVI provided an update on the Macomb County Siren Testing. The link to the map and sign-up sheet and more information is available on the LCARC web site. Report siren results by e-mail to [lansecreusearc@gmail.com](mailto:lansecreusearc@gmail.com)

**Christmas Party:** Mark/N8REZ gave an update on the party. All went well.

**The White Elephant Gift Exchange** held at the meeting this month was lots of fun!

**Digital Challenge:** The club is doing a digital challenge each month. A different digital mode is picked, and you see how many contacts you can make. Dennis/N8MKG provided an article to *The Tuned Circuit* and a presentation at the January meeting to try and get this going. He would also like to open it up to other hams and clubs.

**January Digital Challenge Program:** The program for the January Meeting was “Exploring World of digital modes”, Dennis/N8MKG started with an overview of RTTY, see *The Tuned Circuit* for all information. Also, YouTube for “fldigi for the IC 7300” or the radio you own.

**Winter Field Day:** Gregg/N8GEO gave an overview of the upcoming Winter Field Day on January 27<sup>th</sup> and 28<sup>th</sup>. It will take place at the Tucker Senior Center.

**Summer Field Day:** The old site at Addison Oaks is not available. The new site will be in the campground area. More information to come.

**Board Meeting:** will be held via Zoom on January 10, 2024. Everyone is welcome.

**Meeting Close:** The meeting was adjourned at 8:09 PM.

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## January 10<sup>th</sup>, 2024, LCARC Board Meeting Minutes

**Meeting Call to Order:** The LCARC President, Dennis/N8MKG, called the January 10, 2024, LCARC board meeting to order at 7:30 PM. The meeting was held via Zoom.

**Present were:** Dennis/N8MKG, Marty/K8HVI, Dale/K8RO, Dennis/AC8JH, Mike/N5WCS, Doug/N8PYN, Russ/N8HAR, Joe/KE4ZYQ.

**Treasurers Report:** The treasury has \$11,926.68. Money from the Knights of Columbus was \$3280.00. The purchase of the radio for the raffle was \$1,071.00 with tax & shipping and the insurance for the club was \$90.00.

**VE Testing:** Our VE testing has been added to the ARRL VE testing web page. We will be doing 6 test sessions during the odd months of the year. Hazel Park ARC will be doing all the even months. Marty/ K8HVI said our web site needs the correct dates for all VE testing, send info to Marty.

**Winter Field Day:** Everything seems ready. Dennis/N8MKG will drop off his spare generator if needed.

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**Summer Field Day:** We will not be using a gas generator during the contest. Marty/K8HVI said If we purchased a quiet generator, we could use it as a backup generator for the repeater.

**Dayton Hamfest:** Gregg/N8GEO sent out information on the Arrow bus trip. The cost is \$70.00. This is a one-day trip, leaving at 4:30am.

**New e-mail address:** The club has new e-mail address “ [N8LC@arrl.net](mailto:N8LC@arrl.net)”

**Monthly Dinner out:** Bath City Bistro on January 24, 2024.

**Swap:** Discussion about cost of swap tables and entry fee. No new info. Russ/N8HAR received a flier from USECA about their swap meet October 6, 2024, at new location, the VFW Post #1146 in St. Clair Shores. LCARC will raffle off a Yaesu FT-710.

**Activities Manager:** No new information. For the February program Dennis/N8MKG will present on the February digital challenge, which is PSK31. He will also have a video about the Air Force getting back into HF usage.

**Health & Welfare notices:** Dennis/N8MKG said his wife Cheryl/N8MKF sent out a thank you card for the equipment donated to the club.

**Siren Testing:** Dale/K8RO and Marty/K8HVI discussed the progress we are making on the siren testing. Two sirens did not work, and some went off one minute late. Every area sets off their own sirens.

**The meeting was adjourned at 8:10 PM.**

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## February Digital Challenge

### PSK

Now that many of you have successfully configured your radios for digital communication and gained some experience with RTTY, it's an opportune moment to transition to the next level: PSK. Building on the foundational knowledge acquired through RTTY, diving into PSK opens up new possibilities for efficient and effective communication. The unique characteristics of PSK, such as its ability to support up to 20 side-by-side communications within the same bandwidth, make it an exciting and rewarding progression in the realm of digital amateur radio. So, take the next step and explore the capabilities of PSK for a richer and more dynamic radio experience.

PSK31 is a highly efficient data mode designed for long-distance communication, especially in challenging signal conditions. PSK31, which stands for Phase Shift Keying 31 baud (or 31 bits per second/bps), distinguishes itself from RTTY (radio teletype) by forming characters through changes in the phase of the sound wave rather than using different tones. When transmitted, a PSK31 signal resembles a single tone or note with a slight wobble, making it ideal for real-time keyboard-to-keyboard informal text "chats" over the air.

What sets PSK31 apart is its effectiveness with low power levels, making it a preferred choice for QRP (low power) and stealth antenna operators. Developed by Peter Martinez (G3PLX), PSK31 was

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introduced to the amateur radio community in late 1998. The mode garnered enthusiastic reception and quickly gained popularity, spreading into worldwide use.

PSK31 offers an additional noteworthy feature: it enables up to 20 side-by-side communications to occur within the same bandwidth that a single sideband communication would typically occupy. This efficient use of bandwidth enhances the spectrum efficiency of PSK31, allowing for a more crowded yet effective utilization of radio frequencies. As a result, amateur radio operators can engage in multiple simultaneous conversations, making PSK31 a versatile and practical choice for efficient communication in the amateur radio community.

PSK operators tend to hang out at certain frequencies on the bands, depending on country and regulations.

PSK31 HF Frequencies		PSK31 VHF Frequencies	
Band	Frequency	Band	Frequency
160 meters	1.838.150 MHz	6 meters	50.290 MHz
80 meters	3.580.150 MHz	2 meters	144.144 MHz
40 meters	7.080.150 MHz	1.25 meters	222.07 MHz
30 meters	10.142.150 MHz	70 centimeters	432.2 MHz
20 meters	14.070.150 MHz	33 centimeters	909 MHz
17 meters	18.100.150 MHz		
15 meters	21.080.150 MHz		
12 meters	24.920.150 MHz		
10 meters	28.120.150 MHz		

As you embark on your journey into PSK, it's crucial to configure your radio for USB (Upper Side Band), even when operating on bands below 20 meters. Like RTTY, PSK lacks built-in error correction. However, it's worth noting that at signal levels above 10 dB, the occurrence of errors is significantly reduced. To ensure a smooth and error-resistant communication experience, this adjustment in radio settings becomes essential.

For additional insights and information on PSK, you can explore <https://bpsk31.com>. This resource can provide valuable details and guidance to enhance your understanding and proficiency in utilizing PSK for amateur radio communications.

The [PODXS 070 Club Valentine Sprint](#) is February 14, 0000Z to 2359Z. For those with a soft spot for PSK31 mode, this is a Valentine's Day treat that will let you make connections without the use of Cupid's arrow. Work as many stations on 160/80/40 meters as possible using PSK31 mode during a six-hour block. This event is open to all amateur radio operators licensed to operate on the HF bands.

Good Luck and I look forward to receiving your logs.

73

Dennis Jarzombek / N8MKG



## FEBRUARY 7<sup>TH</sup> MEETING!!!

Submitted by Dennis / N8MKG

In addition to discussion of the February Digital Challenge there will be a video about the United States Air Force getting back into HF usage.



**Meeting time is 7:00 PM**



### Membership Report

We have 97 members on our roster as I write this report. Our membership comprises 89 regular members of whom 8 are “first-year free” members, and four Life members.

After sending reminder emails to the those who had not yet renewed two more renewals were received. Remember, if you are one of the 15 who have **not** renewed by the end of the February 2024 regular club meeting, you will be removed from the membership list.

**IF** there are no further renewals prior to the end of the February meeting, our counts will drop to 82 members of which 6 are “first-year free” members.



John / N8FYL — 02/01/2024



The next LCARC administered  
VE test session is scheduled for  
March 18, 2024  
at the Tucker Senior Center.



### Zoom Meeting Details for 2024

Join Zoom Meeting (Membership & Board Meetings)



<https://us06web.zoom.us/j/83614331186?pwd=YzVIMTZVNORaeUdGMkxVWFVdQT09>

Meeting ID: 836 1433 1186      Passcode: 379870

Join Zoom Meeting is the link for the actual meetings. With this link, you should be able to create a bookmark in your browser, and then you can use that each month, as this link will not change for the rest of the year.

## Winter Field (FUN) Day 2024

Submitted by Gregg/N8GEO



Well, another fantastic Winter Field Day has come and gone. This year went smoothly, and everyone had fun. We had 5 or so stations (2 HF SSB/DIGITAL, 1 CW HF, 1 SATELITE, 1 10 METER) up and operating. We had folks with projects, a [Ham Clock](#) set up, and even someone (Russ/N8HAR) gave a rig a bath. LOL. Two stalwart people stayed overnight, lots of coffee was drunk, and fresh donuts made an appearance both Saturday and Sunday.

We also had 20 participants sign in the log and up to 13 warm bodies in the building at the same time. So yes, it was busy, busy, busy, and fun. There are 11+ months before the next [Winter Field Day](#) and I hope to see most if not all of you show up in 2025.

73, Gregg / N8GEO



Dale/K8RO and Don/KE8ZQP

Some scenes from Winter Field Day 2024  
at the Tucker Senior Center



Russ/N8HAR and Dennis/WC8C



Dale/K8RO and Marty/K8HVI



KD8SRQ

W18W



## Vince/WA8BIJ, SK

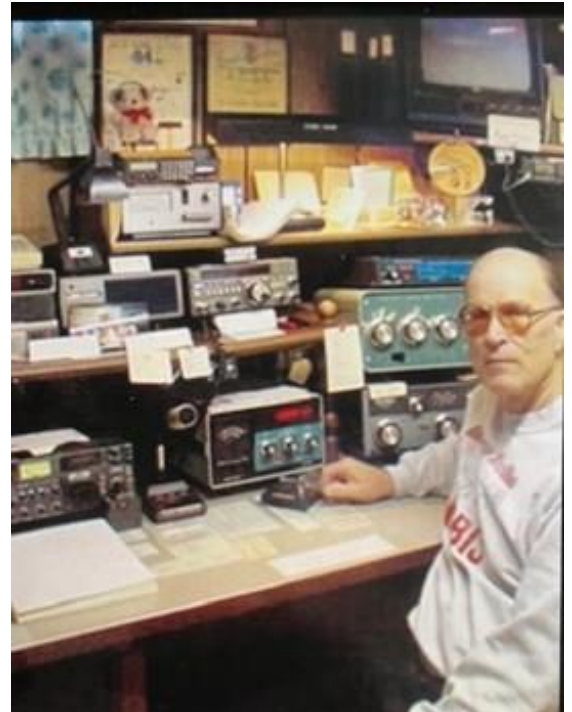
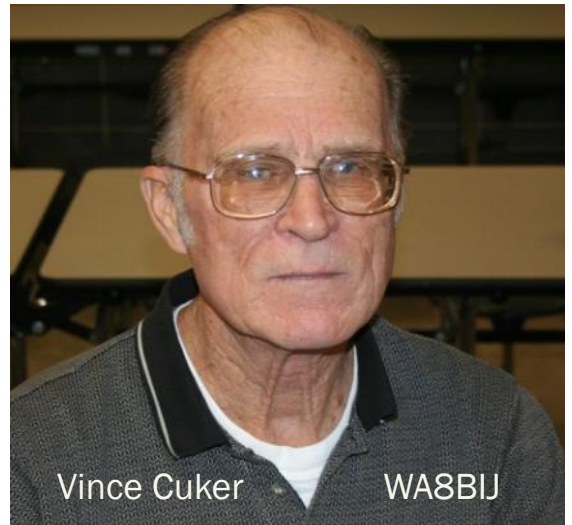
Vincent LeRoy Cuker passed away at the age of 90 on Sunday, January 7, 2024. He was born on August 5, 1933 in Mt. Clemens, Michigan, the son of LeRoy E. Cuker and Juanita E. (Cooke) Cuker. Mr. Cuker retired from the Ford Motor Company in 1991 as a Senior Designer and Computer Graphics System Manager. He was a Korean War veteran. Mr. Cuker was selected as "Citizen of the Year" for Macomb County, founder and past president of both The Macomb CBers Club, and Mt. Clemens-Macomb REACT. He was affiliated with the Mt. Clemens Race Track for 29 years, until its closing in 1985. He worked on the Safety Crew, followed by Safety Inspector, Technical Director, then the last 14 years, the Flagman. Mr. Cuker flagged races for USAC, ARCA, IMCA, NASCAR, Checker Flag Speedway (Canada); Michigan Promoters Assn., and Mickey Thompson's Off Road National Championships. Mr. Cuker was inducted into the "Mt. Clemens Racers Hall of Fame" in 1998.

Mr. Cuker enjoyed hunting, fishing (a long-time supporter of the NRA), and photography. He received his Amateur Radio license from the FCC in 1961, and since has received hundreds of awards related to the hobby. Mr. Cuker is a long-time member of the ARRL, FISTS CW Club, SKCC CW Club, and the **L'Anse Creuse Amateur Radio Club** where he was a club past President, and Activities Manager.

Mr. Cuker is preceded in death by his wife, Patricia J. Lotus Cuker, his parents, and a brother, Sgt. Donald J. Cuker of Peoria AZ.

Survivors include his significant other, Joan R. Feldkamp-Cuker of Chelsea MI; daughters Sandra (John) Piotrowski of Rochester Hills, Lori LeBlanc of Macomb Twp.,; Donna (Kim) Bayer of Algonac, Cheryl (Paul) King of Macomb Twp., and son Brian (Becky) Cuker of Elkton MI; sister-in-law Peggy Cuker of Peoria AZ, 8 grandchildren, 19 great grandchildren and other nieces and nephews.

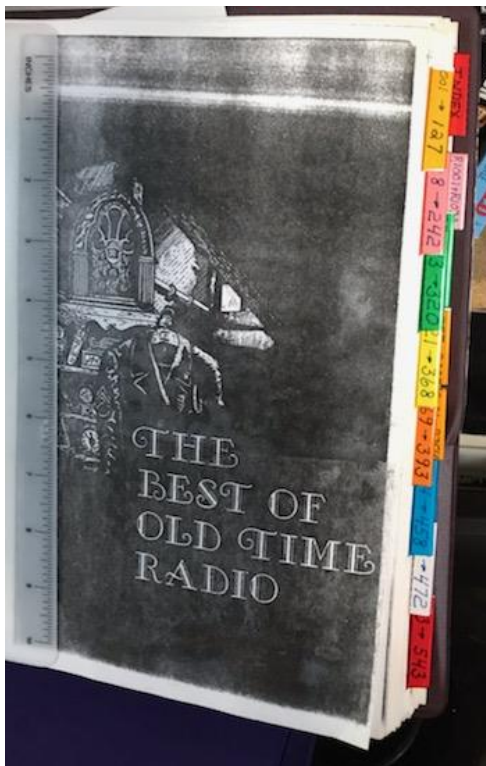
Memorial contributions may be made to the [Michigan Cancer Foundation](#) or the [Michigan Veterans Association](#).



## Equipment for sale

Submitted by Gregg/N8GEO

A friend of mine has a collection of old-time radio recordings (CD and reel to reel). He also has two reel to reel machines. I guarantee these items to be in fine shape. He is also an avid stamp collector. He would like to sell all or part of his collection. He's a really nice guy. His name is Rich. If you are interested, please feel free to give him a call at 810-751-9942. On the next page is an inventory of his Old-Time Radio collection.





Programs	Episodes	Hours
ABBOTT AND COSTELLO	59	27
ACADEMY AWARD THEATER	37	17
ADVENTURES BY MORSE	54	23
ALL STAR WESTERN THEATER	96	46
AMOS AND ANDY	233	96
ARCH OBLER	15	6
AVENGER	26	13
BLACK MUSEUM	51	24
BOLD VENTURE	28	12
BORIS KARLOFF COLLECTION	50	22
BOSTON BLACKIE	169	74
BURNS AND ALLEN	138	63
CALLING ALL CARS	251	127
CAVALCADE OF AMERICA	160	82
CBS ADENTURE THEATER	50	33
CBS RADIO MYSTERY THEATER	1315	978
CHARLIE CHAN	14	5
CINNAMON BEAR	26	12
CISCO KID	196	88
CLOCK	52	24
COMMAND PERFORAMNCE	124	71
CREAKING DOOR	35	11
CRIME CLUB	21	10
DAMON RUNYAN	51	24
DIMENSION X & X MINUS 1	64	27
DRAGNET	359	169
DR. JEKYLL & MR. HYDE	52	24
E. BERGEN & C. McCARTHY	79	54
ESCAPE	208	96
FAT MAN	50	23
GENERAL MILLS ADV. THEATER	52	23
GOON SHOW	273	85
GRAND OLE OPRY	25	10
GREAT GILDERSLEEVES	374	182
GREEN HORNET	77	36
GUILD THEATER	104	52
GUNSMOKE	502	228
HAUNTING HOUR	26	12
HAVE GUN WILL TRAVEL	107	43
HERMITS CAVE	30	13

Programs	Episodes	Hours
I LOVE A MYSTERY	74	15
INNER SANCTUM	171	70
JOHNNY DOLLAR	650	223
JOURNEY INTO SPACE	55	25
LAUREL & HARDY	25	11
LET GEORGE DO IT	173	99
LIFE OF RILEY	178	83
LONE RANGER	1000	498
LIGHTS OUT		
LUX RADIO THEATER	440	403
MAGIC ISLAND	125	25
MAN CALLED X	78	35
MARTIN & LEWIS	30	12
MOLLE MYSTERY THEATER	56	25
MURDER AT MIDNIGHT	39	18
MYSTERIOUS TRAVELER	68	32
MYSTERY IS MY HOBBY	68	32
NBC UNIVERSITY THEATER	79	32
NERO WOLF	110	102
ORSON WELLES	75	30
ORIGIN OF SUPERSTITION	39	9
QUIET PLEASE	88	40
RED SKELTON	70	35
SAINT	62	30
SAMPLER OTRCAT	106	50
SCREEN DIR. PLAYHOUSE	99	47
SECRETS OF SCOTLAND YARD	57	24
SHERLOCK HOLMES	212	110
SILVER THEATER	43	20
STRANGE DR. WEIRD	31	13
SUPERMAN	1163	262
SUSPENSE	845	359
TARZAN	225	61
THE SHADOW	227	103
THE SIX SHOOTER	40	19
THE THIRD MAN	50	24
THE WHISTLER	476	220
UNCLE REMUS STORIES	24	7
WEIRD CIRCLE	77	33
X MINUS ONE	110	47

# ***The Livonia Amateur Radio Club***



## **Swap-n-Shop**

**SATURDAY**

**February 17, 2024**

**Sale hours: 8:00am-12:00pm**



ARRL Sanctioned Hamfest

### **BUY | SELL | TRADE**

- Amateur Radio Gear
  - Computers
  - Electronics
  - Antennas
  - Test Equipment
- Ham shack accessories and more!

**MONAGHAN BANQUET CENTER**  
**19801 FARMINGTON ROAD**  
*(north of 7 Mile)*  
**LIVONIA, MI**

Door Prizes from ARRL  
and

α **ALPHA ANTENNA®**

- \$100 Cash Grand Prize! •

**ADMISSION: STILL ONLY \$5!**

(cash @ door)

Admission ticket pre-sales are available only to vendors/sellers  
with advance table purchase, visit website for reservation info.

*Same-day tables subject to availability*

Talk-in: K8UNS LARC Repeater  
145.350 PL100Hz

**ADVANCE TABLE SALES, INFORMATION:**

**<https://livoniaarc.com/larc-annual-swap-and-shop/>**

**email: [swap@livoniaarc.com](mailto:swap@livoniaarc.com)**

**voice: (734) 648-6453**



## Dayton Hamvention Rooms 2024

Submitted by Ted/K8EO



We have a block of rooms reserved at:

Holiday Inn Express South  
7701 Washington Village Drive  
Dayton Oh 45459. (937) 938 9550

The hotel is at Exit 2 off of I-675.

This is the same place we stayed last year. The procedure is **ALMOST** exactly the same as last year. There are a lot of restaurants close by. The hotel website is: <https://www.ihg.com/holidayinnexpress/hotels/us/en/dayton/dayml/hoteldetail>

Here's the deal: I have completed a "group sales agreement" with the facility. It is UP TO YOU to call and confirm a room with the hotel. They will take a room from the reservation block and put it in your name and take your payment info at that time. **YOU** are responsible to call and cancel the room should you need to. Once the room is pulled from the block it is all on you.

**NEW this year you can either call or book online.**

### IF CALLING TO MAKE YOUR RESERVATION:

When you call there be certain to press 0 (Talk to the front desk). Do not choose option 1 (make a reservation) because you will end up talking to someone in a foreign county who will have NO clue what you are requesting. PLEASE follow these instructions! If you don't I will NOT get accurate info from the hotel, and you're making an issue for me. Thank you for your cooperation.

Give the person at the front desk the dates you want to stay and mention that it's from a block of rooms "Bak Hamvention 2024".

### TO BOOK ONLINE:

Go to the official webpage shown above.

Select "book now" and enter the dates of your stay.

Under Rate preferences select "Group Rate" and enter rate code BAK

Then search for your room and select which type of room and complete the transaction.

You have until Monday April 15 to book a room. Don't wait for the last day. If you had a room in a prior year you have priority. You don't need to have attended before to book a room, it's open to all LCARC members. Simply book the nights that you need. You are NOT responsible for all 3 days if you don't choose that. Note the types of rooms. Rates are plus tax.

	Thu May 16		Fri May 17		Sat May 18	
	Rooms	Rate	Rooms	Rate	Rooms	Rate
Double Queen		\$135		\$135		\$135
King		\$135		\$135		\$135

The rates have gone up slightly from last year. These prices are discounted BIG time.

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**IMPORTANT!!!!** THESE ROOMS ARE FOR CLUB MEMBERS. If you are not a LCARC member please contact me first so I can see if I can accommodate you. Otherwise you could be taking a club member's room.

Please send me an email when you have booked a room indicating type of room, which days, and, if possible, who is staying with you. Additionally if you had a room in prior years but are not going please let me know. That way if we have extra rooms one can be made available. I anticipate we might have extra rooms but unless I get accurate information I won't know. This way If you are a club member who did not have a room before we can accommodate you. I am certain we can if everyone cooperates.

Please give me the common courtesy of cooperating with this request.

TNX Ted K8EO

[Tedk8eo@gmail.com](mailto:Tedk8eo@gmail.com)

## ARROW Bus to Hamvention

The ARROW Communication Association is once again proud to sponsor a motor coach trip to the 2024 Hamvention at Greene County Fairgrounds and Expo Center in Xenia, Ohio. Started in 2002, this annual club activity has grown in size and reputation with hams across Michigan and Ontario.



To Register and see full Details visit: <https://w8rp.org/daytonbus2024/>.

If interested, please register by March 10th.

Join us on Saturday, May 18, 2024, when we depart from the park-and-ride lot beside Ann Arbor Pioneer High School (601 W. Stadium Blvd) at 4:30 a.m., arriving in Xenia around 8:30 a.m. On board, you can stretch out, relax, take a nap, chat with other hams, and enjoy a light breakfast with coffee as the coach takes you directly to the country's largest amateur radio event!

Thanks

James AE8JF, President, [ARROW](#)

## Future Programs & Activities

???? — Activities Manager

February 7, 2024	Regular membership meeting
March 6, 2024	Regular membership meeting
March 18, 2024	Volunteer Examiner (VE) test session at Tucker Senior Center
April 3, 2024	Regular membership meeting
April 20, 2024	Michigan QSO Party
May 1, 2024	Regular membership meeting
May 17-19, 2024	Dayton <a href="#">Hamvention</a>
June 5, 2024	Regular members meeting & Fox Hunt
June 22-23, 2024	ARRL Field Day—operating from Addison Oaks County Park

## L'Anse Creuse ARC Board Members – 2024

### President

Dennis Jarzombek , N8MKG  
45985 Hollowoode Ln  
Macomb, MI 48044-4170  
586-838-8500  
[jarzombek@outlook.com](mailto:jarzombek@outlook.com)

### VP and President-Elect

Scott Gabler, K8VXM  
35161 Rutherford St  
Clinton Twp, MI 48035-2665  
586-855-8084  
[K8VXM@protonmail.com](mailto:K8VXM@protonmail.com)

### Secretary

Dennis Ruth, AC8JH  
53359 Mark Dr  
Shelby Twp, MI 48316-2374  
248-805-2409  
[ac8jh@arrl.net](mailto:ac8jh@arrl.net)

### Treasurer

Gregg Crump, N8GEO  
29729 South River Rd  
Harrison Twp, MI 48045-3030  
586 738-2487  
[n8geo@arrl.net](mailto:n8geo@arrl.net)

### ARRL Liaison

This Position is Vacant.  
Will you be the volunteer  
that fills it?

### Activities Manager

This Position is Vacant.  
Will you be the volunteer  
that fills it?

### Past President

Marty Folz, K8HVI  
40360 Ryan Rd  
Sterling Heights, MI 48310-1756  
586-268-0544  
[k8hvi@arrl.net](mailto:k8hvi@arrl.net)

### Technical Officer

Doug Chauvin, N8PYN  
29112 Elmwood St.  
St Clair Shores, MI 48082-1616  
586 775-1891  
[n8pyn@yahoo.com](mailto:n8pyn@yahoo.com)

Analog FM

N8LC

Fusion Digital Only



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



LC Echo 70 cm Repeater  
Yaesu DR-1X 442.925 MHz  
100 HZ PL

## Board Meeting Time and Location

Board Meetings are held on the Wednesday after the regular membership meeting at a time determined by the President. Board meetings will be held via Zoom video conferencing. Click here for the Zoom details. All club members are welcome to participate. Should a board meeting have a planned cancellation, this cancellation will be announced in the newsletter. Other updates may be posted on [LcRadioClub@groups.io](mailto:LcRadioClub@groups.io)

## Club Founder - Art Ellis W8PBO SK

### Club Committee Chairmen

ARRL HF Awards Manager			Little Bay Awards	Dale McGorman	K8RO
ARRL HF Awards Assistant			Meeting Refreshments	Russ Price	N8HAR
ARRL VHF/UHF Awards Manager				John Slobodnik	N8NXW
Call Sign ID Tags	Gregg Crump	N8GEO	Membership Chairman	John Huber	N8FYL
Christmas Party	Mark Castiglione	N8REZ	Net Points Manager	Tom Mathison	WU8C
Club Apparel & Patches	Scott Hernalsteen	W8CQD	Net Points Upgrade Awards	Clem Duval	W8VO
Club Call Trustee - N8LC	Marty Folz	K8HVI	<i>The Tuned Circuit</i> email Distribution	John Huber	N8FYL
Code Proficiency Awards			Outgoing QSL Manager	Dale McGorman	K8RO
Dayton Trip	Gregg Crump	N8GEO	QSL Cards	Dale McGorman	K8RO
Door Prizes—Buyer	Scott Gabler	K8VXM	Swap Chairman	Russ Price	N8HAR
Door Prizes—Tickets	Mike Koenig	N5WCS	<i>Tuned Circuit</i> Editor	John Huber	N8FYL
Echo Repeater Trustee	Marty Folz	K8HVI	Volunteer Exams	Gregg Crump	N8GEO
Field Day	Gregg Crump	N8GEO	Webpage ( <a href="http://www.n8lc.org">www.n8lc.org</a> )	Marty Folz	K8HVI
Health & Welfare	Cheryl Jarzombek	N8MKF	Webpage Assistant		
Licensing Classes	TBD		Youth Forum (50/50) [Alternate]	Ralph Irish	W8ROI
				John Slobodnik	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. We welcome any comments, concerns, corrections, congratulations, or complaints. Please submit such communications to the [Editor](#):

John H. Huber N8FYL

Email: [n8fyl@arrl.net](mailto:n8fyl@arrl.net) or [editor@n8lc.org](mailto: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

The LCARC scheduled testing dates for 2024 are March 18, June 17, September 16 which are all Mondays. The final 2024 session is Sunday, December 1st at our swap.

Contact Gregg Crump  
[n8geo.ham@gmail.com](mailto:n8geo.ham@gmail.com)

There are other testing opportunities available in our area according to the ARRL web site.

Go to <http://www.arrl.org/find-an-amateur-radio-license-exam-session>. Enter your Zip Code and the "within" distance, and click SEARCH.

## Study Resources:

<https://study.affirmatech.com/>

## Online Practice Exams:

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

<https://www.qrz.com/hamtest/>

<http://www.hameducation.org/>

## Morse Code Resources:

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

<http://www.g4fon.net>

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



## Upcoming Swaps

### 02/10/2024 - [Cherryland ARC 50th Anniversary Swap-N-Shop](#)

**Location:** Traverse City, MI

**Type:** ARRL Hamfest

**Sponsor:** Cherryland Amateur Radio Club

**Website:** [http://cherrylandarc.com/?page\\_id=56](http://cherrylandarc.com/?page_id=56) [Learn More](#)

### 02/17/2024 - [Livonia Amateur Radio Club Annual Swap & Shop](#)

**Note:** This is a SATURDAY event

**Location:** Livonia , MI

**Type:** ARRL Hamfest

**Sponsor:** Livonia Amateur Radio Club

**Website:** <http://livoniaarc.com/larc-annual-swap-and-shop>  
[Learn More](#)

### 03/17/2024 - [Toledo Mobile Radio Association Hamfest and Computer Fair](#)

**Location:** Perrysburg, OH

**Type:** ARRL Hamfest

**Sponsor:** Toledo Mobile Radio Association

**Website:** <http://www.w8hhf.org> [Learn More](#)

### 05/04/2024 - [Wexaukee ARC Swap and Shop](#)

**Location:** Cadillac, MI

**Type:** ARRL Hamfest

**Sponsor:** Wexaukee ARC

**Website:** <http://wexaukeearc.org> [Learn More](#)

### 05/17-19/2024 - [Dayton Hamvention](#)

**Location:** Xenia, OH

**Type:** ARRL Convention

**Sponsor:** Dayton Amateur Radio Association

**Website:** <http://hamvention.org> [Learn More](#)

### 06/16/2024 - [Monroe Hamfest](#)

**Location:** Monroe, MI

**Type:** ARRL Hamfest

**Sponsor:** Monroe County Radio Comm Association

**Website:** <http://mcrcra.org/> [Learn More](#)

# L'Anse Creuse Amateur Radio Club Nets

Local Time	NET	Mode	Frequency in MHz	First week	Second week	Third week	Fourth Week	Fifth Week
Monday evening:								
20:00	15M	CW	21.165	Tom WU8C	Seeking Net Control operators.			
20:30	15M	USB	21.395	Clem W8VO	Lito K8AJJ	Gregg N8GEO	Clem W8VO	Clem W8VO
21:00	6M	USB	50.160	Gregg N8GEO	Russ N8HAR	Dale K8RO	Lito K8AJJ	OPEN
Tuesday evening:								
21:00	2M	FM	147.08+	Sterling Heights CERT	2nd Tuesday of the month			
A LCARC sanctioned net run by the Sterling Heights CERT.								
Thursday evening:								
19:30	10M	USB	28.435	Clem W8VO	Clem W8VO	Gregg N8GEO	Clem W8VO	Clem W8VO
20:30	2M	FM	147.08+	Clem W8VO	Russ N8HAR	Gregg N8GEO	Tony KD8SRQ	Fritz KE8BFW

## Membership Request

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Request For:

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

\_\_\_ \$30.00 LCARC Family Membership

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

\_\_\_ Please update my membership information because it has changed.

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

Call sign: \_\_\_\_\_ Old Call Sign: \_\_\_\_\_ Street: \_\_\_\_\_

Name: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_

Nickname: \_\_\_\_\_ Zip: \_\_\_\_\_ - \_\_\_\_\_

Spouse: \_\_\_\_\_ 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.. 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**

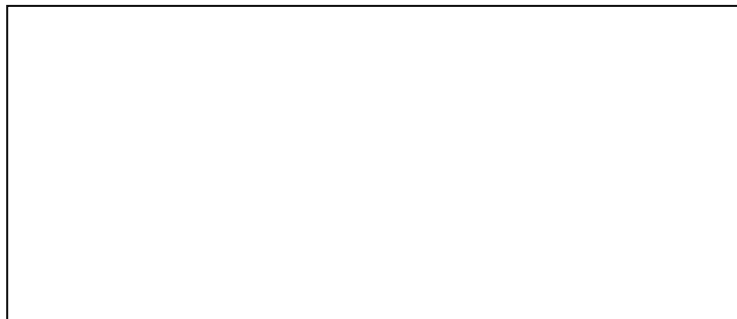
### Class License (Circle One)

Novice Technician Tech+

General Advanced Extra

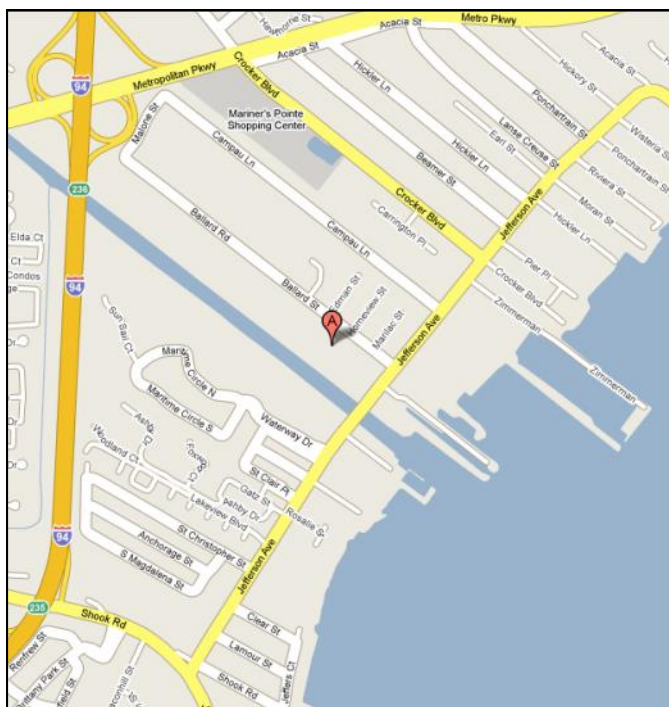
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**Monthly Bulletin of the**  
**L'Anse Creuse Amateur Radio Club**  
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<http://www.n8lc.org>

E-mail: [info@n8lc.org](mailto: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.