

VOLUME XVII ISSUE III MARCH 2025

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#### IMPORTANT DATES (GO TO WEBSITE FOR MORE INFO)

Mar. 24—General Meeting St. Aidan Activity Center Topic: Origin: Ham Radio

Apr. 14—Board Meeting

Apr. 19—LitP/MIQSO Livonia PD EOC

Apr. 28—General Meeting St. Aidan Activity Center Topic: TBD

SAVE THE DATE: May 19

General Meeting

Moved due to Memorial Day

## **UP FRONT**

- ♦ Our next General Meeting will be held on Monday, March 24 at **St. Aidan's Activity Center**, the same location as our February Annual Meeting. The tentative presentation will be "Origin Stories: How I Got Into Amateur Radio." See Page 5 for more details.
- Arrangements have been made to hold all future monthly meetings at St. Aidan's, 17500 Farmington Road, between Six and Seven Mile Roads, on the east side of the street. Map on Page 5.
- ♦ At the Annual Meeting, all current officers were re-elected for another year: President - Cliff Bills, AK9TX; Vice-President - Sean Pruitt, AE8SP; Treasurer - Bill Allen, AD8WA; Recording Secretary -Mike Hammerberg, K8AGY; and Public Information Officer - Chuck Reti, WV8A.
- ♦ Also at the Annual Meeting, the membership approved the operating budget for 2025. Because we were a few members short of the necessary quorum, we were not able to act of revisions to the LARC Constitution and Bylaws. PLEASE plan to attend the March 24th meeting, so we can vote on this important piece of business.
- ◆ Tom Mitchell (KE8YVH) and Alan West (N8BTU) are replacing Zach Raubinger (K8ZRY) and Keith Mavin (KE8AUO) as directors. Mike Rudzki (N8MR) continues as a director.
- ♦ The April LARC in the Park has been moved to April19th to coincide with the Michigan QSO Party. Please see Page 3 for details.
- ♦ Please join fellow LARC members any Saturday around 8:00 AM for breakfast at the Senate Coney Island, 34359 Plymouth Road, Livonia, between Farmington and Wayne Roads. We are usually seated in the room to the right of the entrance. Guests are welcome, and conversation covers a wide range topics.

LIVONIA REPEATERS \$145.35 PL 100HZ \$ 444.875 D-STAR (GATEWAY 89C) \$ ECHOLINK K8UNS-R LARC 2-METER NET EVERY THURSDAY ♦ 8:00PM LOCAL TIME

WEBSITE: HTTP://www.livoniaarc.com. And, Join us on FaceBook

EMAIL: info@livoniaarc.com

## CLIFF'S NOTES A MONTHLY FEATURE BY OUR CLUB PRESIDENT

How in the world is it already March?? My goodness it seems 2025 is going to be another year that just flies by. Part of it for me at least is the work I do. I work a lot of hours and am usually doing at least a little something with it on the weekends as well. I'm sure that is contributing to the feeling of time flying!

I want to start out by thanking you all for allowing me to serve as President once more for 2025. I appreciate the support and confidence coming out of my first year. Wow there was a lot more to learn than I realized. I am very fortunate to have the support of an amazing Board! Speaking of Board, we have some changes this year. Zach Raubinger (K8ZRY) and Keith Mavin (KE8AUO) have decided to "retire". I can't thank them enough for all they have done, and no doubt will continue to do for this club. I am excited to welcome Alan West (N8BTU) and Tom Mitchell (KE8YVH) to the 2025 Board and look forward to working with them this year.

I want to thank everyone who came out and supported the 2025 Swap. By all accounts it was a great success. The new venue was amazing, and we had a great turn out. Like all new things, there were some lessons learned. I'd like participation is voluntary, but it's a great way to have a committee formed this year, (the sooner the better) for the 2026 Swap. This committee would be responsible to help plan all things Swap. I'm looking for the group to think about all aspects of the process including things like how to best identify folks that are at the event. This means how to best distinguish vendors, volunteers and the general public. If you are interested in participating in the committee, please email the Board @ board@livoniaarc.com. Last but not least, the Board has decided to waive the entrance fee for Swap volunteers!

Speaking of volunteers and activities, the Michigan QSO Party is coming up on April 19th at the Livonia EOC. We will need folks to help with setup/teardown and of course operating. See our website for more details. This is a great opportunity for new hams to get on the air and you will have plenty of support in doing so.

Thanks for the nice turnout for the annual meeting in February. It seems the new venue at St Aidan was a hit. With that said, we've decided to hold the March 24th meeting there as well. At that meeting we will be putting out for a vote to continue holding our general meetings at St Aidan's. We are able to get the venue for a reasonable price and if the membership agrees, it would put our club back in its namesake city! We didn't have enough participants (but we were close) to vote on the Constitution/Bylaw changes so those are on hold until the next meeting we have a majority present/online.

Its never too early to talk about field day. We always need help with this event, and I'd love to see additional volunteers for all aspects of the event. Again, if you are interested in volunteering, please email the Board @ board@livoniaarc.com.

Finally, you will notice there is a new section in the newsletter that will spotlight something about each member of the club. Sandy has put together some questions and will be sending them out to you when its your turn. Obviously, for your fellow members to learn a bit more about you and what got you into the hobby. This idea came from a member at one of our breakfast events who said it would have been nice to know a bit more about the Officers that were being elected. I totally agree! This also gets back to something I've been saying for a while now. We have a very diverse group of folks with all sorts of backgrounds/experiences and IDEAS!

As always, if you have any thoughts/ suggestions/feedback, please drop me an email @president@livoniaarc.com. I want to continue making the Club welcoming and engaging for new members as well as our long-time members. Your feedback will always be appreciated.

Until next time, 73 Cliff

## MICHIGAN QSO ON SATURDAY, APRIL 19TH

This year's Michigan QSO Event will be on Saturday, April 19, 2025 and LARC will be operating from the Livonia Police Department's EOC.

- •We will be operating under the EOC callsign, N8LPD.
- •We will be looking for volunteers to help set-up antennas at noon, on Friday, April 18, and then remove them in the afternoon, on Sunday. Tear down date/time will be hashed out Saturday during the event.
- •We are asking members to plan and schedule some time, preferably 2 hour blocks, to help operate. This will help us ensure we always have a

- station operating.
- Please sign-up to volunteer at: <u>VolunteerSignup</u>
   Online volunteer signup sheets 2024 LARC MI
   QSO Party signup sheet
- •Indoor equipment setup begins at 10:00 on Saturday, with the QSO operations running from 12:00 to 23:59. We are planning on operating both a CW and a phone station.

Below is a pdf explaining MI QSO Party in more detail. It also outlines how members are able to access the EOC. Just click on <a href="this link">this link</a> to download.

#### The Michigan QSO Party:



Saturday April 19, 2025, is the Michigan QSO Party, running from Noon to Midnight EDT MiQP is one of many State QSO Party events held every year it is a somewhat leisurely-paced "contest," the object of which is for out-of state hams to work as many MI stations as possible, and, for MI stations to stack up QSOs with everyone else. A QSO exchange sent is RS(T) +MI County ("WAYNE" in our case), and other state op sends RS(T)+their 2-letter State abbreviation.

LARC will operate with the club's gear and callsign, N8LPD, from the City of Livonia Emergency Operations Center (EOC) inside Police Headquarters. Winners (clubs and individuals) receive certificates or Plaques (and entitlement to bragging rights) from the contest's long time sponsor, the Mad River Radio. Club.

Fun fact: LARC has finished First Place in the EOC category many times, including 2024.

Event details, rules and more at MRRC's MIQP website - https://miqp.org/

LARC Members are permitted entry to the EOC, and, as a licensed Amateur, can operate the club station for this event. This is a great opportunity for newcomers to get a taste of Contesting (a.k.a. "radiosport") in a low-stress environment. Unlike some other fast-paced, high-volume, high-speed events, like the world-wide SSB, CW or digital DX contests, this one is slower paced, and we're in it mostly for the fun and camaraderie of it.

Tech licensees will have a chance to sample HF band operating. Generals might

Tech licensees will have a chance to sample HF band operating, Generals might get to foray into the Extra Class sub-bands. We will be doing CW, tool

We'd enjoy having you come by and take part with your club in this event, even for only for a short visit.

Please let us know if you would like to operate or assist (or visit) by filling out, a signup form at at the LARC website. The form is to let the club know when you can do Saturday operating time or to help with Friday afternoon 12-2p antenna raising, but also gives us a heads up that you might be coming.



## SWAP 'N SHOP 2025

The Annual LARC Swap 'n Shop on February 22nd went very well with approximately 375 visitors and all available tables sold to73 vendors. The event made the Club just over \$2,400.

The new location at Ward Church was very well received with its clean and spacious facility.

A number of issues came up before, during and afterwards that should be resolved prior to next year, among them parking, handicap access, refreshments and more vendors.

Therefore the Board is looking to form a committee to address these issues. Interested members are encouraged to volunteer at: <a href="mailto:swap@livoniaarc.com">swap@livoniaarc.com</a>.







Photos by Chuck Reti, Bill Allen, John Hopkins, and Cliff Bills.

Many thanks to the members who helped make this event possible—the Board for organizing, numerous volunteers, those who purchased tables, and those who came and shopped.





## More Club Activities & Announcements

## March General Meeting Presentation

"Origin Stories: How I Got Into Amateur Radio".

This will be like "show and tell," but just the "tell" part. Meeting attendees will be given the opportunity to take 2-3 minutes to tell the group how they became involved in amateur radio.

John, K8YYZ, is working on other upcoming meeting topics including:

- Winlink
- POTA Activating
- K8UNS Repeater System
- ARRL Field Day Preparations

## LARC In The Park Topics

April 19 - Michigan QSO Party @ the LPD EOC click on the Signup Genius link. May 10 - HF Propagation Reporting Tools @ Bien Park

June 14 - New Ham Day/Field Day Prep @ Bien 🔸 Park.

#### Club Projector

A projector has been donated by Tim Pranger (KE8JMQ) and was used at the March LITP.

#### 2-Meter Net Training?

John, K8YYZ, has proposed a training session for 2M net operators to try to get more members involved. If you are at all interested, please contact John at jhopkins213@gmail.com.

#### Skywarn Training

Wayne County has still not released their 2025 training dates.

Oakland County will host three #Skywarn Spotter Training classes this year. To sign up,

- March 27 Novi at 7pm https://ow.ly/ NaUR50V5xOv
- April 2 Farmington Hills at 7pm https:// ow.ly/XyTa50V5xOr
- April 26 Rochester at 10am https://ow.ly/ vTkz50V5xOq

#### **NEW 2025 GENERAL MEETING LOCATION**

St. Aidan's Activity Center—17500 Farmington Rd. (Between 6 & 7 Mile) Livonia, MI 48152 Doors open 6:30. Meeting Begins at 7:00 pm.







INTERNET is available on the St. Aidan's Public Network. No password is needed.

## 2025 **Meeting Dates**

March 24

April 28

May 19

June 23

September 22

October 27

November 24

## Meet Your Board—President Cliff Bills

Like Cliff mentioned in his notes, this is the first of a series of articles about members of the Board. It contains answers to a series of questions I asked all the Board members.

As we go on, I will also be including articles about both new and seasoned LARC hams. Let me know what you think, and if you'd like to be included sooner, rather than later. How long have you been a Ham? 30 years come April 18th of this year.

## The Prez: Cliff Bills, AK9TX

What is your current license? Extra

How long a member of LARC? 3 years

When did you upgrade each of your licenses? I got my Tech in 1995, Tech Plus 1996, General in 2004 and Extra in 2006.

What made you <u>originally</u> become a ham? I grew up around farming and trucking which involved CB radio. I was always fascinated by them. When I was in the 4<sup>th</sup> grade we moved to Albuquerque and my neighbor had a 50ft tower and a quad antenna for CB. I had no idea you could have such a setup for CB or what it would be used for. With their help, I eventually had my own base and got to talking to other locals in ABQ on SSB. It seemed like all those guys were hams so it didn't take me long to learn about that aspect and get encouraged to get my license.

What is your favorite thing about Amateur Radio now? The "magic" is still there for me. I love the fact that you never know what you are going to get when you turn the radio on. I also love the camaraderie and giving back by doing such things as VE sessions.

What do you like best about LARC? The people! We have an active club with a variety of people from all sorts of backgrounds and experiences. This is an amazing club!

Primary radio equipment – HT, digital, an-



tennas – whatever. I'm generally setup for 80-70cm with my primary interest being VHF+ SSB. Unfortunately, the activity/interest is very low with those modes in this area. In the fall, I took everything down after running into a terrible noise issue that I couldn't resolve. Now that the weather is warming up, I can start getting antennas put back up and get back on the air, likely concentrating more on HF and perhaps satellite.

Best experience ever with Amateur Radio? The one that sticks out with me the most was this crazy 2M opening one afternoon in IL. I had a long boom horizontal yagi and a small amplifier that I used for regional SSB work. All of a sudden, the band opened up and I was working the NE coast like they were my neighbors. That opening lasted into the evening and was some of the most fun I've had on the air! That was the first time I experienced a true 2M opening.

What personal info would you like to share? My other interest/hobby would be trains and railfanning. I used to make YouTube videos years ago with my railfan experiences. I've had the opportunity to operate a train at a museum which was a lot of fun. I'd also love to get into model railroading but until recently never had the room to pursue it. Nothing like having two expensive hobbies.

## MEET OUR NEWEST MEMBER—KEVIN MANGAN, KF8CSM

Welcome to our newest member. Kevin, KF8CSM was approved at the March Board Meeting.

#### **Basic Information**

Name: Kevin Richard Mangan, KF8CSM

Email: <u>kgraydog48@aol.com</u> Address: Plymouth, MI 48170

#### Amateur Radio Information

License Class: Technician

How long have you been licensed? 3

months

What bands do you operate? 2m, 70cm Please Summarize your station equipment:

- Yaesu HT-60
- Yaesu FTM-150RASP, mobile radio currently set up as a base station.
- Yaesu FT 847 base station. I just picked this up at the LARC swap & shop. I have not learned how to use this yet.

#### Club Questions

What do you like best about Amateur Radio? Looking to meet new people interested in amateur radio. This is a new hobby for me.

How did you hear about LARC? Club Meeting and on-the-air.

Are you willing to assist on various club events? Yes.

Why did you wish to become a club member? I have heard many good things about LARC on the 2 meter. I have retired and looking for a new hobby and a new circle of friends. I did attend a LARC Fox hunt last summer and found the people very friendly.

Do you have any special talents or experiences that could benefit LARC? I have worked as an electronics technician in the Navy and at Ford Motor Company.

#### Is there anything else you'd like to share

with the Club – other hobbies, family, favorite vacation spots? My wife and I enjoy camping in the summer months. The kids are grown and on their own, and we are empty nesters. Our dogs are a big part of our lives.



## ARC IN THE PARK—HT PROGRAMMING

Options for programming handheld transceivers, also known as "handy talkies" or HT's, are as numerous as HTs themselves.

On March 8th, thirteen club members met at the Livonia Police Department EOC for a discussion and demonstration of HT programming software, techniques and best practices.

John Hopkins, K8YYZ was the presenter. YYZ, along with other Elmers helped other hams get more familiar with their equipment.

- More photos on Page 11



## ARRL 2025 FIELD DAY—JUNE 28-29, 2025

ARRL The National Association for Amateur Radio® has released the logo and theme for this year's ARRL Field Day, June 28 – 29, 2025.



The theme for 2025 Field Day is "Radio Connects" — highlighting the many ways that wireless technology connects people across distances near and far. The event is part picnic, campout, practice for emergencies, informal contest, and most of all, fun! ARRL Field Day is the most popular ham radio activity held annually in the US and Canada. On the fourth weekend in June each year, more than 31,000 hams get together with their radio clubs, schools, or friends to operate from remote locations.

Ham radio provides a connection — both for practical communications and to form relationships with fellow radio amateurs. No matter who you are, or what your background or interests are, if you have an interest in radio and wireless technology, radio connects you with others.

The theme is universal, says ARRL Public Relations and Outreach Manager Sierra Harrop, W5DX. "Local amateur radio clubs bridge generations. Contacts made across town or around the world allow cultural exchange, right over the air. In times of crisis, radio connects those in need with information. The whole point of amateur radio is the connect, both literally and figuratively," she said. Amateur radio also inspires the next generation of technical leaders by providing a hands-on sandbox where students can gain experience in the fields of science, technology, engineering, and mathematics (STEM).

Make your plans to connect with radio for ARRL Field Day. Use the Field Day site locator to find a site near you. Clubs planning to host a site may list their event information there, as well.

#### Don't Forget the Swag!

2025 ARRL Field Day Radio Connects merchandise is available for preorder from the ARRL Store. All the fan-favorite gear is back: tee-shirts (complete with ARRL Sections checklist on the back!), mugs, and pins are available for shipping in late April 2025. Please note: any orders from the ARRL Store that contain 2025 ARRL Field Day merchandise will be held for shipping until the Field Day items are available in late April.

For more information about 2025 ARRL Field Day and the "Radio Connects" theme — or to start planning your activation—visit <a href="https://www.arrl.org/field-day">www.arrl.org/field-day</a>.

## RADIO EQUIPMENT AVAILABLE

LARC Member Gary Trock, N8GT, is going to be relocating to QTHs far outside the metro area (but plans to stay on as a club member). He's asked us to inform that he has some gear available to club members. He is offering both FREE to any club member who may want them:

- ◆Hustler 6BTV 6-band trap vertical, and, MFJ 1796 multi-band vertical antenna. Just requires unbolting them from ground masts, and partial disassembly for transport (Located in W. Bloomfield).
- •Also have for the taking, an older but little used HealthKit Oscilloscope.
- ◆Manuals for the antennas, the linear, the 850 s and the scope.

As an aside, and not a sales pitch, I have a Kenwood TL922A KW linear with low hours. Before I move, if any members would want the linear, I would sell it for \$750. I would also throw in a Kenwood TS 850S transceiver (100w 160-10M)

Contact Gary by phone or text at 248-933-9209, or by email at <a href="mailto:gtrockmd@msn.com">gtrockmd@msn.com</a>

>> EDIT: as of press time, ONLY the MFJ 1796 vertical remains, will be scrapped if not taken

# WORLD AMATEUR RADIO DAY: CELEBRATING 100 YEARS BY JOHN SCHOUTEN, VE7TI



Every year on April 18, amateur radio enthusiasts around the globe come together to celebrate World Amateur Radio Day (WARD). This year marks

the 100th anniversary of this special occasion, a testament to the enduring legacy and vital role of amateur radio in connecting people, fostering innovation, and providing critical communication during emergencies. As we reflect on over a century of amateur radio, it's clear that this hobby is more than just a pastime—it's a global community united by a passion for communication and service.

The Origins of World Amateur Radio Day World Amateur Radio Day was first established in 1925 by the International Amateur Radio Union (IARU), the worldwide organization that represents the interests of amateur radio operators. April 18 was chosen as the date to commemorate the founding of the IARU in Paris in 1925. Since then, the day has been celebrated annually to honor the contributions of amateur radio operators and to promote the importance of amateur radio as a means of communication, experimentation, and public service. Amateur radio has its roots in the early 20th century when radio technology was still in its infancy. Despite its humble beginnings, amateur radio quickly became a powerful tool for innovation and global connection. Over the past 100 years, amateur radio operators have played a crucial role in advancing communication technology, experimenting with new techniques, and providing essential communication during times of crisis.

The Theme for the 100th Anniversary Each year, World Amateur Radio Day is cel-

ebrated with a specific theme that highlights a particular aspect of amateur radio. The theme for the 100th anniversary is "A Century of Connections: Advancing Communication and Innovation." This theme underscores the remarkable achievements of amateur radio operators over the past century and their ongoing contributions to the field of communication.

From the early days of Morse code to the modern era of digital communication and satellite technology, amateur radio has consistently been at the forefront of innovation. Today, amateur radio operators continue to explore new frontiers, such as using software defined radios (SDRs), experimenting with microwave frequencies, and even communicating with astronauts aboard the International Space Station (ISS).

The Role of Amateur Radio in Emergency Communication

One of the most significant contributions of amateur radio is its role in emergency communication. When natural disasters strike and traditional communication networks fail, amateur radio operators often step in to provide a lifeline for affected communities. Whether it's coordinating relief efforts during hurricanes, earthquakes, or wildfires, amateur radio operators have proven time and again that they are an indispensable resource in times of crisis.

The 100th anniversary of World Amateur Radio Day is an opportunity to recognize the selfless dedication of these operators, who volunteer their time and expertise to ensure that critical information reaches those who need it most. Their efforts have saved countless lives and demonstrated the enduring value of amateur radio in an increasingly digital world.

Celebrating the Global Amateur Radio Community

World Amateur Radio Day is not just a cele-(Continued on page 10, IARU) (IARU, Continued from page 9)

bration of technology; it's also a celebration of the global community of amateur radio operators. With millions of licensed operators in nearly every country, amateur radio is a truly international hobby that transcends borders, languages, and cultures. On this day, operators from around the world come together to share their experiences, participate in special events, and showcase the diversity of the amateur radio community.

Many amateur radio clubs and organizations host events to mark the occasion, including public demonstrations, contests, and educational workshops. These events provide an opportunity for the public to learn about amateur radio and experience firsthand the excitement of communicating with people across the globe using nothing more than a radio and an antenna.

Looking to the Future

As we celebrate the centenary of the IARU, it's important to look to the future and consider how amateur radio will continue to evolve in the years to come. With the rapid advancement of technology, amateur radio operators are finding new ways to integrate digital tools, explore space communication, and push the boundaries

of what's possible.

At the same time, the core values of amateur radio—community, innovation, and service—remain as relevant as ever. In an age of instant messaging and social media, amateur radio offers a unique and meaningful way to connect with others, learn new skills, and make a positive impact on the world.

The 100th anniversary of World Amateur Radio Day is a milestone worth celebrating. It's a time to reflect on the rich history of amateur radio, honor the contributions of operators past and present, and look forward to a future filled with new possibilities. Whether you're a seasoned operator or someone who's just curious about the hobby, World Amateur Radio Day is the perfect opportunity to explore the world of amateur radio and join a global community that's been making waves for over a century. So, on April 18, tune in, make a contact, and celebrate the spirit of amateur radio. Here's to another century of connections, innovation, and service!

73 and happy World Amateur Radio Day. Please celebrate it with something special.

John Schouten, VE7TI. As published by the Surrey Amateur Radio Club, British Columbia. Reprinted with permission.

## HUMOR

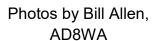
An opinion without 3.14 is just an onion.

SOME POPULAR L	LOCAL N	<b>J</b> ETS
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JOWL FOR LOCAL INLIS							
Net	Day	Time	Frequency	PL Tone	Link		
Michigan Traffic Net	Daily	7:00 PM	3.952 MHz	None	MITN		
Michigan Net	Twice Daily	6:30 PM 10:00 PM	3.563 MHz	None	QMN		
Southeastern Michigan Traffic Net	Daily	10:15 PM	146.76 MHz	100 Hz	<u>SEMTN</u>		
Wolverine SSB Net	Daily	2200 UTC	3.935 MHz	None	WSSBN		
Michigan ARPSC Net	Sunday	5:30 PM	7.232 MHz	None	MIARPSC		
Garden City ARC	Sunday	9:00 PM	146.86 MHz	100 Hz	GCARC		
U of M ARC	Sunday	8:00 PM	145.230	100 Hz	<u>W8UM</u>		
ARROW ARC	Monday	8:00 PM	146.96 MHz	100 Hz	ARROW ARC		
ARROW DMR	Monday	9:00 PM	443.5/448.5, TG 312654, color code 1, time slot 1				
Utica Shelby Emerg. Com Slow Code	Monday	9:00 PM	147.18 MHz	100 Hz	USECA		
Motor City ARC	Tuesday	9:00 PM	147.24 MHz	100 Hz	MCARC		
Wayne County ARPSC Net	Wednesday	9:00 PM	145.330 MHz	100 Hz	WCARPSC		
Hazel Park ARC Kids	Thursday	7:00 PM	146.64 MHz	100 Hz	<u>HPARC</u>		
Oakland County ARPSC Net	Thursday	8:00 PM	146.900 Hz	100 Hz	W8OAK		
LARC 2 Meter Net	Thursday	8:00 PM	145.35 MHz	100 Hz	Livonia ARC		

## More Pix from HT Programming







## **ABOUT LARC**



LIVONIA AMATEUR RADIO CLUB
P.O. Box 51532
LIVONIA, MI 48151-5532
info@livoniaarc.com



The Livonia Amateur Radio Club, founded in 1969, has been a long-standing part of the Livonia, Michigan community.

Our club has wide and varied interests -- Special Events,

DX, Contesting and more.

LARC has been affiliated with the ARRL since February 7, 1976.

## LIVONIA AMATEUR RADIO CLUB OFFICERS & COMMITTEE CHAIRS

President - Cliff Bills, AK9TX — <a href="mailto:president@livoniaarc.com">president@livoniaarc.com</a>

Vice-President - Sean Pruitt, AE8SP

Treasurer - Bill Allen, AD8WA

Recording Secretary - Mike Hammerberg, K8AGY

Public Information Officer - Chuck Reti, WV8A.

Program Manager—John Hopkins, K8YYZ

Club Directors-at-Large—Tom Mitchell, KE8YVH; Mike Rudzki, N8MR; Alan West, N8BTU

Membership Manager - Bill Allen, AD8WA

Trustee of Record for K8UNS—Mike Hammerberg, K8AGY

Trustee of Record for N8LPD—Bill Allen, AD8WA

Technical Trustee for Club Repeaters—Dan Saputo K8PLW

Technical Trustee for Livonia EOC—Bill Allen AD8WA

ARRL VE Liaison—Mike Rudzki, N8MR

Information Technology Manager — Zach Raubinger, K8ZRY

LARC in the Park Coordinator—John Hopkins, K8YYZ

Public Service Manager—Bill Allen, AD8WA

Repeater Maintenance - Dan Saputo, K8PLW

Swap-N-Shop—Mike Rudski, N8MR

2-Meter Net Manager - Hiro Wakamatsu, AD8AE

Equipment Manager - Mike Rudzki, N8MR

Volunteer Examiners - AD8AE; AD8WA; AE8SP; AK8KA; AK9TX; KB8DGC; KD8ZPX;

KE8AUO; ; N8DXZ; N8MR; N8PVL; N8RI; W6AQT; W8PAS; WV8A

Repeater Newsletter Editor - Sandy Allen, AK8KA — <a href="mailto:spallen17@gmail.com">spallen17@gmail.com</a>