



[www.limarc.org](http://www.limarc.org)

**LIMARC**  
A MATEUR RADIO CLUB

**MEMBER APPRECIATION NIGHT**

A MATEUR RADIO CLUB

13: PM

LIMARC MEMBER

March 12

**March 12 at Levittown Hall**  
**Starting at 7:00 PM**

Cover image  
by ChatGPT  
v1.1.0



Greetings!

When something old seems totally out of place within our time period, we refer to it as a dinosaur. We always learned that the dinosaur was unable to adapt to environmental changes and it became extinct. Of course it wasn't by a refusal to change, but rather the darkness that engulfed the earth after an asteroid collided with earth. Instead there were no sun and no warmth.

There are many who refer to ham radio as a dinosaur. Our darkness was perhaps the incredibly fast growth of computer technology and cell phones. Both offered tremendous competition to ham radio. Unlike the dinosaurs, talented individuals have incorporated much of the new technology into ham radio and have helped to keep us viable.

LIMARC faces a challenge. It was very easy to have many members of a large club clambering to use the repeater system. Different groups travelling at different times occupied the repeater during most of the day. Base stations were discouraged from using the repeater during drive time.

## President's Message (cont.)

Times have changed. Many members are no longer with us for a variety of reasons. New hams are often too committed to cell phones and do not value the repeaters. Usage is down as well as membership. Where do we go from here to avoid the fate of the dinosaur?

Our March membership meeting will acknowledge LIMARC's 60th Anniversary. I hope that you will attend but I also hope that you will give us some input to help guarantee that LIMARC will be around for another 60 years.

73,  
Richie, K2KNB  
President

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**Please Click on this URL to Let Us Know if You Will Be  
Attending LIMARC's 60th Anniversary Celebration 1965—2025  
along with our Annual Member Appreciation Meeting**

**<https://forms.gle/FoPkEijD6FXpMuCC7>**

Starting at 7PM on Wednesday March 12 2025 at Levittown Hall

## LIMARC Board Meeting Minutes 2025-02-05

### Quick Recap

The board discussed the need for a long-term and cost-effective storage solution for the equipment, considering options with local organizations and potential on-park storage. They also addressed the declining membership of the club, exploring new ways to attract and retain members, and discussed the upcoming event, including the possibility of opening it to radio-controlled hobbyists and robotics enthusiasts. Lastly, they reviewed the progress on the website, the process of managing membership and dues payments, and shared updates on various club activities and initiatives.

### Next Steps

- Investigate alternative storage options for club equipment, including contacting the Town of Oyster Bay and Town of Hempstead about potential storage space.
- Create a welcome letter and updated brochure for new members and potential members.
- Review and update the list of sponsors/advertisers on the club website and eLog, ensuring all are current within the past year.
- Update the club website with new member information as it is received.

### Summary

#### Addressing Storage Costs and Solutions

Richie discussed the storage situation, expressing concern about the fluctuating costs and the need for a long-term solution. He mentioned that they had to take additional storage space due to the influx of equipment and stuff from Gladys's garage. The current storage spaces are due for renewal in April, and the new rate will be \$121 a month. Richie suggested that they might need to retain the current storage facility for another four months to accommodate Field Day equipment.

## LIMARC Board Meeting Minutes 2025-02-05 (cont.)

He also mentioned the possibility of using a college facility for long-term storage, but raised concerns about security. The team agreed to find a more stable and cost-effective solution for their storage needs.

### **Exploring Long-Term Storage Solutions**

Richie discussed the need for a long-term storage solution for the club's equipment, as the current storage arrangement was expensive and temporary. He suggested exploring options with the town of Hempstead, Levittown Library, and other local organizations. Richie also proposed the idea of building a shed on park property or finding a suitable location for storage. He emphasized the importance of finding a secure and climate-controlled space for the equipment, including radios and backup equipment for the repeaters. The board agreed to explore these options further and consider reaching out to the town of Oyster Bay for potential storage solutions.

### **Addressing Declining Club Membership**

Richie and Jerry discussed LIMARC's declining membership, attributing it to factors such as the pandemic, aging members, and the shift to online meetings. They considered the potential benefits of hands-on training sessions and the need for more engaging programs to retain members. The possibility of an open house event was also discussed, but concerns were raised about the lack of interest from younger generations. The importance of addressing the issue of dwindling membership was emphasized, with a focus on finding new ways to attract and retain members.

### **Club Fundraising and Membership Initiatives**

Richie discussed the club's financial situation and fundraising efforts. He mentioned that they raised \$1,700 from a virtual event and are selling donated equipment. LIMARC is facing challenges with membership, storage, and education. Richie proposed initiatives to attract new members, including offering training classes and engaging with scouting programs. He also explained the details of an upcoming raffle fundraiser, which includes prizes donated by DX Engineering and Arrow Antenna, with tickets priced at \$5 each or 5 for \$20.



## LIMARC Board Meeting Minutes 2025-02-05 (cont.)

### Event Planning and Upcoming Meetings

Richie discussed the upcoming Hamfest, mentioning that Dave Schneider is scheduled for a hip replacement and will be there if he can walk. He also mentioned that they have sold around 36 to 38 tables, which is considered okay. He suggested considering opening up the event to radio-controlled hobbyists and robotics enthusiasts due to the potential dwindling number of vendors. George WB2IKT then discussed the upcoming general meeting, the appreciation meeting in March, and the field day extravaganza in June. He also mentioned that he is trying to secure Arnie Stillman as a speaker for the April meeting. The team discussed the possibility of serving food at the March meeting, but decided to keep it simple due to budget constraints.

### Club Anniversary, Awards, and Future Plans

The board discussed various topics, including the upcoming LIMARC's 60th anniversary celebration, the need for a more generic award system, and the ongoing efforts to improve the club's financial situation. LIMARC's membership was also discussed, with a focus on increasing it through collaborative efforts. Technical issues were addressed, with a particular focus on improving the backup link between Selden and Glen Oaks. The need for trusted individuals to repair repeaters was highlighted as a potential weakness. Lastly, LIMARC's future plans including upgrading the Empire repeater, were discussed.

### Website Progress and Security Improvements

Richie discussed the progress made on the website, including the improvement in its security and the reduction in its memory size. He also mentioned the ongoing efforts to optimize the website for search engines (SEO) and the importance of maintaining consistency between the website and social media platforms. Richie also highlighted the increase in organic hits and the potential for further growth. Larry W2LAG the webmaster, was praised for his work in making the website presentable, improving security, and correcting various errors. The team also discussed the challenges of dealing with hackers and the importance of monitoring the website's security. Lastly, Richie mentioned the need to link the website with LIMARC's YouTube channel and other social media platforms for better SEO.

## LIMARC Board Meeting Minutes 2025-02-05 (cont.)

### Managing Membership and Dues

Richie, Jerry, and Gary discussed the process of managing membership and dues payments. They agreed that Jerry would be responsible for sending out notifications to Gary and Larry about new members and those who have paid their dues. They also discussed the need for a more efficient system, such as converting the database to an SQL format and using a bot to notify people of changes. The board decided to send a complete new list of members to Larry once a month, and to send a welcome letter to new members. They also discussed the need for an updated brochure.

### LIMARC Tri-Fold Update and Roundup

Richie discussed the need to update the LIMARC tri-fold and the upcoming School Club Roundup, co-sponsored by LIMARC and the ARRL. He mentioned the generous donations from companies like DX Engineering and RT Systems, and the discounts offered by members like Unity. Richie also shared the sad news of the passing of John Caramanga, a member who was involved in public service and advocacy. The meeting ended with no new business to discuss.



*-Board Meeting Summary Provided by Zoom AI Companion*

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## LIMARC General Meeting Minutes 2025-02-12

Minutes from the General Meeting are not available.

The meeting's presentation about Grounding by Don Kane WB2BEZ is found at this youtube.com URL:

<https://www.youtube.com/watch?v=52w-GkzNSPo>

Don Kane, WB2BEZ, presents a fascinating look at grounding and bonding your amateur radio station, whether fixed or mobile. There's a LOT of RF surrounding us all day every day, and some of that stuff needs to find a nice, low resistance path to ground so we can operate with a minimum of noise and painful shocks! Your view of grounds, etc., will not be same after this one.

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## The Availability of 220 MHz Equipment Today

*by Joe W12M*

The 220 MHz band or also known as the 1.25 meter band in the vhf spectrum has always interested me.

Most newly licensed hams tend to purchase a dual band 2m/440 MHz HT or mobile then eventually get on the 2m repeaters to start their ham adventures. Me? I went on a different route.

After getting licensed, I purchased an Alinco DJ-280 220MHz fm HT and started listening to the LIMARC 220 MHz repeater (224.820 -1.6 136.5 pl) after some time I put my call out and met some hams that have become lifelong friends and to this day I still keep in contact with.

But the availability of commercial equipment for the 220 MHz band has always been sparse to say the least. In the 1980s and 1990s the “big three”, Kenwood, Yaesu, and Icom all had equipment for the 220MHz band, but by the end of the 90s many of these models were discontinued leaving a void.

So what if anything has changed?

The flood of mostly inexpensive Chinese transceivers over the past 10 years, some of which included 220MHz, has given this band a new lease on life (in my opinion) so let's take a closer look at what's available.

I quickly searched the internet and in almost no time came up with a quick list of gear of which I only own one which is the TYT TH-9000.

Rest assured there are more choices. I am not affiliated with any of the products listed, I just compiled a list.

In addition, I recently attended Hamcation in Orlando and came across a vendor making inexpensive antennas for the 220MHz band. I purchased one but have yet to deploy it.

**BEGINNERS GUIDE &  
INTRODUCTION INTO 220  
MHZ  
AMATEUR RADIO**



**PURCHASING A MOBILE  
AND HT TRANSCEIVER  
BUYERS GUIDE**



PIC+COLLAGE

So let us take a look at this quick list of transceivers available.

The first is the Radioddity QB25 quad band fm mini mobile with 25 watts of power and MSRP is around \$25.00 US at the time of this article.

### Link to WI2M Video

### An introduction to 220 MHz

<https://youtu.be/UR0oJ6CgZrQ?si=v9iCTmbTBmA19yEG>

Next up we have the TYT TH-9000 fm mobile transceiver with 45 watts of power, 200ch of memory, and price is around \$139 at the time of this article. This is the only transceiver that I can attest as this is the radio I use in the shack. I have owned it for almost 10 years and it has worked well for me. I have made contacts on numerous repeaters as well as simplex.



### QB25 PRO QUAD BAND MINI MOBILE RADIO+ CABLE + 50W ANTENNA

Sponsored

Brand: FONGHOO

3.8 ★★★★★ (33)

TYT TH-9000D Plus 1.25M Amateur Radio, 200CH Mobile Transceiver Car Radio 222-225Mhz 45W



Delivery

Pickup

\$139<sup>99</sup>

Next up is the first HT in the review and it's the TYT TH-350 tri-band HT with 2 meters, 1.25 meters, and 70 cm all fm. This HT has as standard 128 channels of memory and is available with the standard 4 to 5 watt output.

Next we have the Baofeng BF-f8HP Pro which is also known as the UV5R 7th generation HT. It's hard to imagine the legendary UV5R is in its 7th generation from Baofeng. The UV5R is considered to be the game changer in Chinese ham radio gear with its low price. Many hams today can say their first HT after being licensed was the UV5R.

So let's take a look at what the 7th generation has to offer. It is also a tri-band HT with 2 meters, 1.25 meters and 70cm. it is IP54 rated and has 1000 memory channels. It has the aviation band. It also has NOAA weather channels, a cradle charger as well as USB C charging. The HT comes in around \$69.00 at the time of this article.



TYT Visit the Store

4.2 ★★★★★ (110)

TYT TH-350 Tri-Band Radio 2 Meter, 1.25 Meter (220MHz), 70cm (440 MHz) Analog Radio with Tri-Band Antenna Ship from US only



Delivery

Pickup

\$69<sup>95</sup>

BAOFENG BF-F8HP PRO (UV-5R 7th Gen) 8W Tri Band Two-Way Radio - VHF/1.25M/UHF, IP54, 1000 Channels, GPS, Aviation Band Scanner, NOAA Weather Mode, USB-C Rechargeable Battery

#1 New Release in Portable FRS Two-Way Radios

2K+ bought in past month



Delivery

Pickup

\$69<sup>89</sup>

And finally with no picture as this radio just made the list at the last minute for this article. The Bridgecom BCM-220 fm mobile with 200 memory channels and comes in at the highest MSRP of around \$259.

For antennas I use the Ed Fong tri-band vertical that I purchased at the LIMARC Hamfest but rest assured there are more choices on the commercial side with well-known makers like Comet, Diamond, Hustler and more. In addition there are vendors on the Hamfest circuit that construct small verticals for the 220 MHz band.

So you have gone out and picked up a transceiver that you researched and want to get on the air, so what's next?

LIMARC has a wonderful repeater for the 220 band on 224.820 with a -1.6 split and a tone of 136.5. It has great coverage and backup power for emergencies, and in addition to that there is an activity net every Friday night at 8:30pm local time, so give the 220 MHz band a try. It's open to all licensed operators.

If there is interest for other "odd" bands give me a shout and we can take a look at other bands like 1.2 GHz and 900 MHz.

73 for now and hope to hear you on the repeater.

Joe WI2M

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**Reminder:** LIMARC is a 501(c)(3) non-profit corporation. As such, all monetary donations are tax deductible, and equipment donations are deductible either to the amount that the club might sell the item for, or the fair market value. As we try to provide assistance to schools wishing to set up amateur radio programs, please consider us for your donations.

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### If You Hear Something, Tell Someone

Those of you who use the repeaters on a regular basis are all too aware of the fact that there are certain individuals who have nothing better to do with their time than to interfere with people on the repeater. An organized effort is underway to locate and identify these individuals. **YOU CAN HELP.** If you hear malicious interference on any of the LIMARC repeaters, please hit the reverse (HM/RV) button on your radio and see if you are able to hear them on the input. Do not acknowledge the interference on the air. Please email your findings to [rfi@LIMARC.ORG](mailto:rfi@LIMARC.ORG). Indicate if you heard them on the input. Include date, time, the repeater, your location and type of antenna; include the heading if you have a beam.

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### WSJT-X FT8 User Tip

If you use QRZ and their Logbook - try this while using WSJT-X. First, open QRZ and your logbook...(I reduce it to fit the left half of my monitor). When you make a contact with WSJT-X and want to see more about the sender, right click your mouse on "Lookup" and it immediately opens the QRZ Logbook with the callsign and address of the sender plus other info. The information is only available until the exchange ends. Then I just send it to the bottom of the page until I want to use it for another contact. Right-clicking the Lookup again opens the QRZ page again. I realize that I won't win a Nobel Prize for this accidental discovery ☹...just passing along the info in case you have nothing better to do. -- de Keith VO1AE

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### Link to the ARRL NYC/LI Section Website

One can find recent happenings at the ARRL's New York City and Long Island section website:

<http://nli.arrl.org/>

## Attention FT-8 Users: New WSJT-X 2.7.0 GA Release

The WSJT Development Team is pleased to announce the WSJT-X 2.7.0 General Availability (GA) release. This is the first GA release since version 2.6.1, two years ago. Major enhancements include a new companion program called QMAP, new Special Operating Activities called “Q65 Pileup” and “SuperFox”, and a new “Message System” feature designed for sending requests to change to another band or mode. More details can be found in the Release Notes here: [https://wsjt.sourceforge.io/Release\\_Notes.txt](https://wsjt.sourceforge.io/Release_Notes.txt).

Direct links for downloading pre-built installation packages for Windows, Linux, and macOS can be found on the WSJT-X web page: <https://wsjt.sourceforge.io/wsjtx.html>. For those who like to compile from source, a complete source-code tarball is available there as well

Please note: A few changes and updates to the WSJT-X User Guide are still to be completed. If you will be translating the User Guide to another language, please wait for an announcement that the updated English guide is ready and available online.

WSJT-X is licensed under the terms of Version 3 of the GNU General Public License (GPL). Development of this software is a cooperative project to which many amateur radio operators have contributed. If you use our code, please have the courtesy to let us know about it.

The authors and Copyright holders of WSJT-X request that derivative works should not publish programs based on features in WSJT-X before those features are made available in a General Availability (GA) release of WSJT-X. We will cease making public Release Candidates if this request is ignored.

Feedback and bug reports should be sent to the email list or one of the of the others mentioned here in the User Guide:

<https://wsjt.sourceforge.io/wsjtx-doc/wsjtx-main.html#SUPPORT>.

We hope you will enjoy using WSJT-X 2.7.0.

-- 73 from Joe, K1JT; Steve, K9AN; Nico, IV3NWW; Uwe, DG2YCB; Brian, N9ADG; John, G4KLA; and Charlie, DL3WDG.



## **We are DOOMED, and don't know it.**

*- By Steve Campolo KA2YHY*

I attended the Holiday party this year and met many old friends and of course put many faces with the call signs. The party was fairly well attended with my estimation of 80 people. There was plenty of food as well as two nice cakes for dessert.

The holiday toy table was just about full, with a nice assortment of toys that members donated for those less fortunate and a worthy cause indeed.

Richie K2KNB made an observation that our youngest new Ham, Aiden (12 yrs. old) brought the average age of the club down to 72. HE WAS OVERLY conservative; I would have estimated down to 80! This "graying" of Amateur Radio is at epidemic proportions, and we must do something about it, or we will surely lose spectrum - count on it. The December issue of QST has an editorial on this very issue.

When I looked around the room all I could see was gray hair; except for Aiden or the few that utilized a salon or other means to disguise natural aging. Hey, everyone gets old of course. However, to keep this hobby alive we must get younger people involved. AND FAST!

If you listen on the air many people discuss the demise of Ham Radio being the cell phone; and they are partly right. When I first joined LIMARC we had 600 plus members with about half additionally auto-patch members. Ah yes, make a phone call from the car. Very handy and many were members just for this privilege. As cell phones became reasonably priced our membership steadily declined and now has leveled off at around 300 – half of what it was. The Hams that were Hams for auto-patch use simply dropped out. We did get new members including young people until the paradigm shifted once again.

With the onslaught of smarter and smarter phones and the extremely handy apps, the stage was set. For what you ask? It's not only smart phones but tablets like iPads. Fantastically handy and useful gadgets. Both can get you into and on Ham repeaters around the world. Perhaps use EchoLink as an enticing way to use a device young people are familiar with! Show kids that you can make contacts with your phone, and then tell them it's actually a radio!

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Simply, text messaging eliminates the old “round tables we all enjoyed. Hell, many new Hams do not even know what a round table is or how to pass the mic around. “Jump Ball” I recall Norm Wessler saying when the failure to “hand it off” happened. When was the last time you heard an actual round table QSO going on a LIMARC repeater?

The real issue is the constant addiction there is to these devices. Look at anyone walking on the sidewalks; they are looking at a smart phone and not where they are going. Yes, it is an addiction; and we all fell victim to its allure. But that’s not the worst part.

Let’s face it, our children and grandchildren use these devices like baby monitors and babysitters. Look at your own families; how many kids under 10 are sitting at the dinner table with their face glued to an iPad and many times missing their mouths with the food. Turn it off you say! Risk completely disrupting that child’s bribery-based dinner peace truce. Ah, log into W2VL with EchoLink. Then pray someone answers your call. With this going on for well over a decade, how can we expect to entice kids away from their surrogate Mommy and Daddy – the mesmerizing iPad?

Hey kid, look at this walky-talky, I can talk to someone in the next town. Don’t bother me Pops, I’m watching a Taylor Swift concert and chatting live with fans all over the world – beat that Pops! Oh you young whipper snapper, do you know how that gadget works? Do you know it’s actually a radio? Really, Pops, it works why should I care? (Remember I said doomed) Would you like to know how its works? Not really; do you need help with your email 😊 ?

Still think we can avert the slow spiral into the silent key vortex? Not unless we act now, and with everything we’ve got. I offer several suggestions. These are not only for us at LIMARC but for Ham Radio in general.

- Start and maintain an active recruitment program.
  1. This must have financial commitment to actively recruit younger people.
  2. Offer free materials like the ARRL book.
  3. Link educational videos to our LIMARC website like Novice courses.
  4. Offer a free HT when a person gets the license and offer free club membership until they have a paying job.

- Entice our members to offer free mentoring and reward them when successful.
  1. A free year's membership if you bring a young person to any combination of 6 events like ham fests, field day, club meetings in a calendar year.
  2. With what I saw at the December meeting we would surely scare off anyone under 40. So, we must institute, at every meeting, "the mentor's corner". Here various pieces of ham and technical equipment should be demonstrated. For instance, a digital VOM and how to check batteries.
  3. Supply free solder kits to build stuff and have a mentor teach how to solder. For instance, a simple battery powered digital voice recorder on Amazon for \$8. Perhaps even build a few kits right there at the meeting with the newbies learning how to solder.
- When you hear a "young" voice on the repeater, engage the person, find out if they are new. Do they need any help? Make them feel comfortable. Invite them to a meeting with a few friends.
- Let's face it, after the few boy and girl scouts that we attract due to merit badges and general interest, the pickings are very slim. Perhaps grandchildren or neighborhood kids that you know. Understand this; forget about the local libraries – they aren't there!
- Introduce yourself to the local elementary school principal and jr. high school as well. Offer to do a demonstration and give a short talk on ham radio.
- Put Brandmeister TG-91 on one of our repeaters for a limited time for Worldwide "DX". First talk it up, create anticipation, then allow members to utilize it and our audience will hear QSO's with contacts all over the world. So what that it isn't point to point, if it's a tool that gets a few people interested in the hobby, we have succeeded. Remember this is survival. Suck it up, DMR is ham radio!
- Figure out when and how to establish contact with the ISS, talk it up on the air and invite everyone to listen in. Perhaps the technical committee could figure out how to rebroadcast over the repeaters.

We absolutely must find multiple ways to encourage young people into our hobby – it’s a matter of survival. I bet many members reading this were big fans and followed every step of the Mercury, Gemini and Apollo space missions. Perhaps you even know the Mercury seven by first name, I did! More than likely sparked my interest in technical things and led to a career. We must create interest in things technical and drag them away from Taylor Swift!

It has often been declared that you do not need to be an engineer to enjoy amateur radio, and of course this is true. We must advocate that this hobby is for everyone with an interest in COMMUNICATIONS with people all over the world, and you can be an ambassador when talking to people in other countries. I simply do not know what else to say to get our members to make an effort and help attract and retain new, young members. Folks, if you were at the December meeting, and saw all the gray hair you couldn’t help but know we are in serious trouble. Read the December editorial in QST. I thought it was not strong enough. Perhaps join up with other clubs and do this as much wider effort. I am sure they see the same thing. We need to act now, as a club, and use what strength we have for RECRUITMENT AND RETENTION!

— Steve Campolo, KA2YHY

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## LIMARC Membership Report for February 2025

Here are two new members who joined LIMARC in February:

When you hear them on the air, please give them a big and hearty welcome!

KE2EZC - Stephen Bradbury

KE2ENO - Paul Berniak

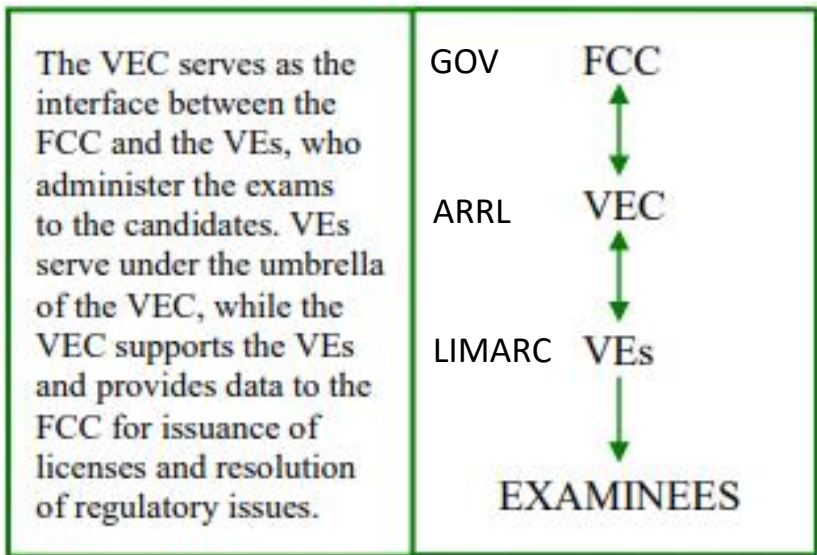
Thanks - Sig - KB2HHU.

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**Follow these three steps to become an ARRL Volunteer Examiner:**

1. Review the Volunteer Examiner Manual paying special attention to Chapter 2: Becoming a Volunteer Examiner. Read the information that extends and supports the published manual. <http://www.arrl.org/files/file/VEs/VE%20Manual%20Web%20Final%202022.pdf>
2. Complete and sign the Volunteer Application form and the open book review. (40 question review). <http://www.arrl.org/files/file/VEs/ARRL%20VEC%20VE%20pkg%202022%20interactive.pdf>
3. Please fax, mail or email forms (Adobe PDF file or scanned JPEG image showing your real signature) to this address:  
ARRL VEC , 225 Main Street, Newington Ct. 06111

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# LIMARC History

*-- compiled by George Sullivan, WB2IKT*

## 50 Years Ago—From the March 1975 Log

The Log featured article by WA2DHF on homebrewing a 12vdc power supply to power an ICOM 230 radio. The Grumman Amateur Radio Club (GARC) invited LIMARC members to use their Bethpage repeater. The autopatch committee changed the requirements for members to use the autopatch.

## 40 Years Ago—From the March 1985 Log

LIMARC’s annual budget was submitted to the members for approval. A presentation was given on ham radio activity for the National Weather Service. An article on how to report an accident via the autopatch was printed as a reference.

## 30 Years Ago—From the March 1995 Log

Presentation given by Louis Kessler, a NYNEX RF engineer, on the “RF Side of Cellular Technology”. Article by Diane KA2GWM and Sid K2LJH published on the “LIMARC Memorial Fund Scholarship Award” (formerly Helen Reed Fund) explaining its purpose and how to apply for it.

## 20 Years Ago—From the March 2005 Log

Meeting featured a “Show & Tell” session titled “My First Radio”. Members were encouraged to bring it in, set it up, and demonstrate it/give a short talk about it. LIMARC’s bylaws had proposed amendments and their explanations published.

## 10 Years Ago—From the March 2015 Log

Member Appreciation Pizza Party and Auction was the theme for the March meeting. LIMARC had 308 paid-up members. Log featured articles by AC2GS on “Antenna Basics for Fun”; 1937 QSL card by WA2SUH; and the “Energy Information Net” by N2RQ.

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## Attention New York City Members of LIMARC

New York City ARES (Amateur Radio Emergency Service) is looking for additional members who live/work in NYC. Unlike RACES, you do not have to reside in NYC to be a member, you can also be a member of Nassau ARES. Please contact Martin Grillo W1EMR, (NYC District Emergency Coordinator) at:

[info@emrnyc.com](mailto:info@emrnyc.com)

NYC ARES is broken up into 5 areas (one for each borough), currently only Brooklyn and Queens are active.

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### From Lou NY2H

LIMARC has a YouTube channel. In order to subscribe, you can follow the link, or use the QR code on the right.

<https://tinyurl.com/LIMARCYoutube>



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Your article could have been published in the eLog, but you need to submit it. Original articles about most anything related to Ham Radio are welcomed. Contact George WB2IKT with your submission.

# Young Ladies Radio League

- MEMBERSHIP ▾
- YL HARMONICS ▾
- DISTRICTS ▾
- MEET ▾
- CONTESTS/CERTIFICATES ▾
- SCHOLARSHIPS ▾
- CLASSES
- ABOUT ▾
- GALLERY

## YLRL Scholarships

Contact: Diane Ortiz K2DO  
[VicePresident@yrl.net](mailto:VicePresident@yrl.net)

The Young Ladies Radio League (YLRL) is an international non-profit organization of women amateur radio enthusiasts. It was founded in 1939 and is the longest running YL club in the world.

The Young Ladies Radio League (YLRL) is sponsoring three memorial scholarships.

The Ethel Smith, K4LMB, Memorial Scholarship awards \$2,500.

The Mary Lou Brown, NM7N, Memorial Scholarship awards \$2,500.

The Martha "Marte" Wessel, K0EPE, Memorial Scholarship awards \$1,500.



### Scholarship Requirements:

- Applicant must be female.
- Applicant must have an Amateur Radio License.
- Preference will be given to students studying communications, radio, electronics, or Amateur Radio related arts and sciences.
- There are no residency restrictions. Non-U.S. Amateurs are eligible.
- Preference will be given to YLRL members.
- The Ethel Smith, K4LMB and Mary Lou Brown, NM7N scholarships are intended for full-time students. For these scholarships, applicants must intend to seek a Bachelor's or Graduate degree from an accredited college or university.
- The Martha "Marte" Wessel, K0EPE scholarship is intended for a part-time student of an accredited educational institution\* who is working full-time. Full time work includes a stay-at-home parent or caregiver. High School students are exempt from the full-time work requirement.

\*What qualifies as an educational institution? Qualifying educational institutions/programs include: Any accredited technical or vocational school. A two or four year college or university.

## Donate

## Apply

## Recipients

For more information on how you can donate to the YLRL Scholarship fund.

To apply for one of the YLR Scholarships

To view the past recipients of YLRL scholarships

**Application link: <https://YLRL.net/Scholarships>**

# 15<sup>th</sup> IEEE Integrated STEM Education Conference

Princeton University, NJ, USA

Saturday, March 15, 2025

ISEC 2025 Conference Website: <http://ewh.ieee.org/conf/stem>

Submissions to the **15th IEEE Integrated STEM Conference** (ISEC '25), to be held on Saturday March 15 2025 are open and accepted until **February 7, 2025** (extended from Jan 24, 2025). ISEC is known for featuring cutting-edge research and experiences with Integrated approaches to the study of science, math, and technology through experiences and activities based in engineering and other design disciplines. ISEC 2025 will be held at Princeton University and will be alternating between Princeton and Johns Hopkins University.

## Topics for Papers towards STEM (Science, Technology, Engineering, Mathematics):

- Integration of Education and Interdisciplinary Education in STEM
- Development and Implementation of policies to support Integrated STEM
- Engineering Activities in STEM
- Pre-College Initiatives and Outreach Program
- Diversity and Inclusion in STEM/STEAM from P-12 to higher Education
- Fundamental and Applied Research in Integrated STEM



**15<sup>th</sup> IEEE Integrated  
STEM  
Education Conference**  
**Saturday, March 15, 2025**  
**Princeton University**  
**Princeton, NJ**

## The 15th IEEE Integrated STEM Education Conference (ISEC)

ISEC is known for featuring cutting-edge research and experiences with integrated approaches to the study of science, math, and technology through experiences and activities based in engineering and other design disciplines.



## The Call for Papers is Open Now.

IEEE WF-PST seeks original, high-quality proposals describing the research and results that contribute to advancements in **Public Safety Technology applications:**

- AI/ML, Smart Algorithms, Digital Twins, and Intelligent Systems
- Communication and Networking
- Transportation Technologies for Public Safety
- Edge Computing, Cloud Computing, and IoT
- Blockchain and Forensics
- Security, Privacy, and Trust
- Health and Wellness of Public Safety Personnel
- Public Safety Technologies supporting Elderly and People with Disabilities
- Environmental Impacts with Public Safety Technologies



The 2025 WF-PST is positioned for public safety agencies, suppliers, practitioners, researchers, industry leaders, and first responders to discuss and exchange ideas on how emerging technologies can help improve public safety. Examples include how personnel can be more effective in their work, support sustained health and wellness, and learn how technology safeguards our communities.

**2025 IEEE World Forum on Public Safety Technology**  
**23 – 25 September, 2025**  
**Hyatt Regency Grand Cypress Resort, Orlando, Florida, USA**

For further information on this event paste the following URL into your web browser:

<https://ieee-wfpst.org>





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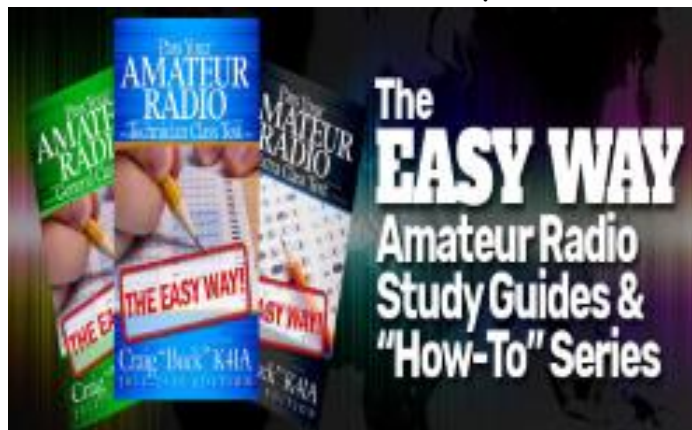
This is a list of individuals, organizations and companies that contributed to our virtual Ham-fests. Please consider making future purchases from them as a thank you for their generosity and loyalty to our club. Be sure to let them know that you saw their ad in the LIMARC LOG.





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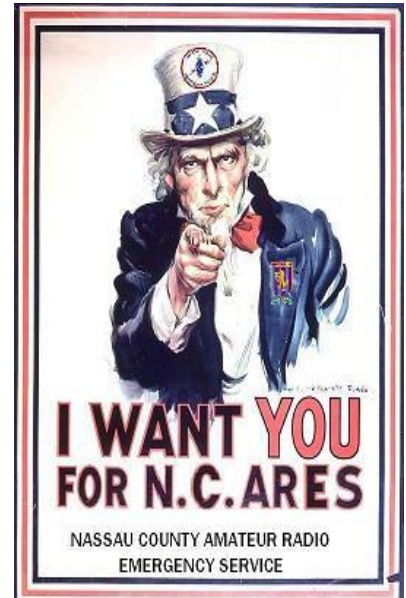
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## All Nassau A.R.E.S. Members

Nassau County A.R.E.S. normally meets on the second and fourth Thursdays of the month. All are welcome to attend!



More info on the ARES General site: [www.nassaucountyares.org](http://www.nassaucountyares.org)

Meet at 19:30 hours on **03/13/2025** at 195 Willis Ave. Mineola, NY **Topic: Radio Programming**



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[www.W2LIE.net](http://www.W2LIE.net)



## Testing Schedule for 2025



LIMARC VE Test Sessions are held on the second Saturday of every odd numbered month at Levittown Hall, 201 Levittown Parkway, Hicksville, NY. Please remember to bring **two** pieces of identification (one with a photo), your **original** ham license **and** a copy of it, any **original Certificates of Successful Completion of Examination (CSCE's)** and copies of them.

Also remember to bring the proper fee in check made out to ARRL VEC or exact change (NOTE: the 2024 exam fee remains at **\$15.00**). The LIMARC VE Team will supply the FCC Form 605. The F.C.C. **\$35 license fee** applies to all renewals, new applications, and vanity callsign requests, but not license upgrades.

Contact Al W2QZ at (516) 623-6449, or Jim W2KFV at (516) 315-8608 for information. VE Sessions will be held at Levittown Hall. All Saturday VE Sessions start at 8 AM



### NCVEC QUICK-FORM 605 APPLICATION AMATEUR OPERATOR/PRIMARY STATION LICENSE

SECTION 1 - TO BE COMPLETED BY APPLICANT				PLEASE PRINT LEGIBLY!
PRINT LAST NAME	SUFFIX (Jr., Sr., etc.)	FIRST NAME	M.I.	AMATEUR RADIO CALL SIGN (IF LICENSED)
MAILING ADDRESS (Number and Street or P.O. Box)				FCC REGISTRATION NUMBER (FRN) (MANDATORY)
CITY	STATE CODE	ZIP CODE	DAYTIME TELEPHONE NUMBER (including Area Code)	
EMAIL ADDRESS (MANDATORY)				
<b>Basic Qualification Question -- *Answer Required in Order to Process Your Application*</b>				
Has the Applicant or any party to this application, or any party directly or indirectly controlling the Applicant, ever been convicted of a felony by any state or federal court? <input type="checkbox"/> YES <input type="checkbox"/> NO				
If "YES", see "FCC BASIC QUALIFICATION QUESTION INSTRUCTIONS AND PROCEDURES" on the back of this form.				

I HEREBY APPLY FOR [Make an X in the appropriate box(es)]:

<input type="checkbox"/> EXAMINATION for a new license grant	<input type="checkbox"/> CHANGE my mailing address to above address
<input type="checkbox"/> EXAMINATION for upgrade of my license class	<input type="checkbox"/> CHANGE my station call sign systematically
<input type="checkbox"/> CHANGE my name on my license to my new name	Applicant's Initials To Confirm _____
Former Name: _____ <small>(Last name) (Suffix) (First name) (MI)</small>	<input type="checkbox"/> RENEWAL of my license grant
	Exp. Date: _____

- I certify that:**
- I waive any claim to the use of any particular frequency regardless of prior use by license or otherwise;
  - All statements and attachments are true, complete, and correct to the best of my knowledge and belief and are made in good faith;
  - I am not a representative of a foreign government;
  - I am not subject to a denial of Federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. § 862;
  - The construction of my station will NOT be an action which is likely to have a significant environmental effect [See 47 CFR Sections 1.1301-1.1319 and Section 97.13(a)];
  - I have read and WILL COMPLY with Section 97.13(c) of the Commission's Rules regarding RADIO FREQUENCY (RF) RADIATION SAFETY and the amateur service section of OST/OET Bulletin Number 65.

Signature of Applicant:  
**X** \_\_\_\_\_ Date Signed: \_\_\_\_\_

SECTION 2 - TO BE COMPLETED BY ALL ADMINISTERING VEs	
Applicant is qualified for operator license class: <input type="checkbox"/> NO NEW LICENSE OR UPGRADE WAS EARNED <input type="checkbox"/> TECHNICIAN Element 2 <input type="checkbox"/> GENERAL Elements 2 and 3 <input type="checkbox"/> AMATEUR EXTRA Elements 2, 3, and 4	DATE OF EXAMINATION SESSION _____ EXAMINATION SESSION LOCATION _____ VEC ORGANIZATION _____ VEC RECEIPT DATE _____
I CERTIFY THAT I HAVE COMPLIED WITH THE ADMINISTERING VE REQUIREMENTS IN PART 97 OF THE COMMISSION'S RULES AND WITH THE INSTRUCTIONS PROVIDED BY THE COORDINATING VEC AND THE FCC.	

1st VE's NAME (Print First, MI, Last, Suffix)	VE's STATION CALL SIGN	VE's SIGNATURE (Must match name)	DATE SIGNED
2nd VE's NAME (Print First, MI, Last, Suffix)	VE's STATION CALL SIGN	VE's SIGNATURE (Must match name)	DATE SIGNED
3rd VE's NAME (Print First, MI, Last, Suffix)	VE's STATION CALL SIGN	VE's SIGNATURE (Must match name)	DATE SIGNED

## LIMARC 2025 Schedule of Events

Month	Bd.Mtg	Gen.Mtg	VE Exam	Hamfest	Other Events
Jan.					
Feb.					
March	5	12	8		
April	2	9			
May	7	14	10		Lindbergh 21
June	11	25			Field Day 28-29
July	2		12		Moon Ldg. 20
Aug.	6				
Sept.	3	10	13		
Oct.	1	8			VanMtrPky 10
					JOTA 18-19
Nov.	5	12	8	9	
Dec.	3	10			GARC anv 21

HRU—Ham Radio University

SCR—School Club Roundup

Lindbergh—Anniversary of 1st non-stop transatlantic flight

Moon Ldg—Anniversary of Apollo 11 1st Lunar Landing

VanMtrPky—Anniversary of Opening of Vanderbilt Motor Parkway

JOTA—Jamboree on the Air for Scouting America

GARC— Grumman Amateur Radio Club (callsign: WA2LQO)

*Dates subject to change without notice. LIMARC may revise them as required.*

# LIMARC Repeaters Analog PL tone is 136.5

Location	Output Frequency	Shift	Callsign	Mode	Echo Link	IRLP	AllStar	System Fusion
Glen Oaks	146.85	- 600kHz	W2VL	Analog	W2VL-R, Node 487981		Node 576290	
Glen Oaks	224.82	-1.6MHz	W2KPQ	Analog				
Glen Oaks	1288	-12MHz	W2VL	Analog				
Hempstead Hofstra U. GARC	146.745	-600kHz	WA2LQO	Analog /Digital				WIRES-X Node:98304 Room:08304
Plainview	449.125	-5MHz	W2KPQ		W2KPQ-L Node 500940	Node 4969	Node 576291	
Plainview	449.375	-5MHz	W2KPQ	DMR CC1				
Selden	147.375	+600kHz	W2KPQ	Analog	W2KPQ-R Node 503075	Reflector Node 9126		
Selden	449.3625	-5MHz	W2KPQ	DMR CC1				
Middle Island	449.075	-5MHz	NY2H	Analog				
East Meadow	145.070		W2KPQ	Packet Digipeater				

## LIMARC Nets

Net	Day	Time	Frequency	Net Control
TechNet	Sunday	8PM	146.85	AC2GS
Infonet	Monday	8:30PM	146.85	Rotating Schedule
Swap&Shop	Monday	Follows Infonet	146.85	KD2FIU
ARRL NewsLine	Monday	Follows Swap&Shop	146.85	(audio feed)
Computer Net	3rd & 4th Wednesday	8:30PM	146.85	WB2KWC
Nostalgia Net	5th Wednesday	8:30PM	146.85	K2KNB
220 Net	Fridays	8:30 PM	224.82	K2TGW
1288 Net	Fridays	9:00 PM	1288 MHz	KC2BZB



Week Rotation	Net Control
1	N2RQ
2	K2KNB
3	K2KNB
4	KC2FYJ
5	KC2ZVT

**GARC Repeater**

145.33      WA2LQO

136.5 PL    FM Analog

Hauppauge



<u>LIMARC Officers 2025</u>				<u>Directors 2025</u>		
President	Richie Cetron	K2KNB		Al Bender	W2QZ	
Vice-President	George Sullivan	WB2IKT		Peter Genova	KC2ZVT	
Secretary	Ken Gunther	WB2KWC		Martin Grillo	W1EMR	
Treasurer	Jerry Abrams	WB2ZEX		Harry Gross	KC2FYJ	
				Glenn Kearney	WB2QDS	
				Ken Kobetitsch	KD2GXL	

Email for officers and Board members can be addressed to their: call sign@LIMARC.org.  
 In addition, all can be reached at [LIMARC@LIMARC.org](mailto:LIMARC@LIMARC.org)



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George Sullivan, Editor of The LOG,	WB2IKT@LIMARC.org
LIMARC PO Box 392 Levittown, New York 11756-0392	Published Monthly

**From The Editor**

As usual, please send items for entry into the LOG to WB2IKT@LIMARC.org. I will be glad to accommodate appropriate requests. If you miss a deadline (the deadline is the 15th of the month) I would be glad to place your item in the LOG next month, space permitting. Thanks, and 73, George WB2IKT - Editor, The LOG