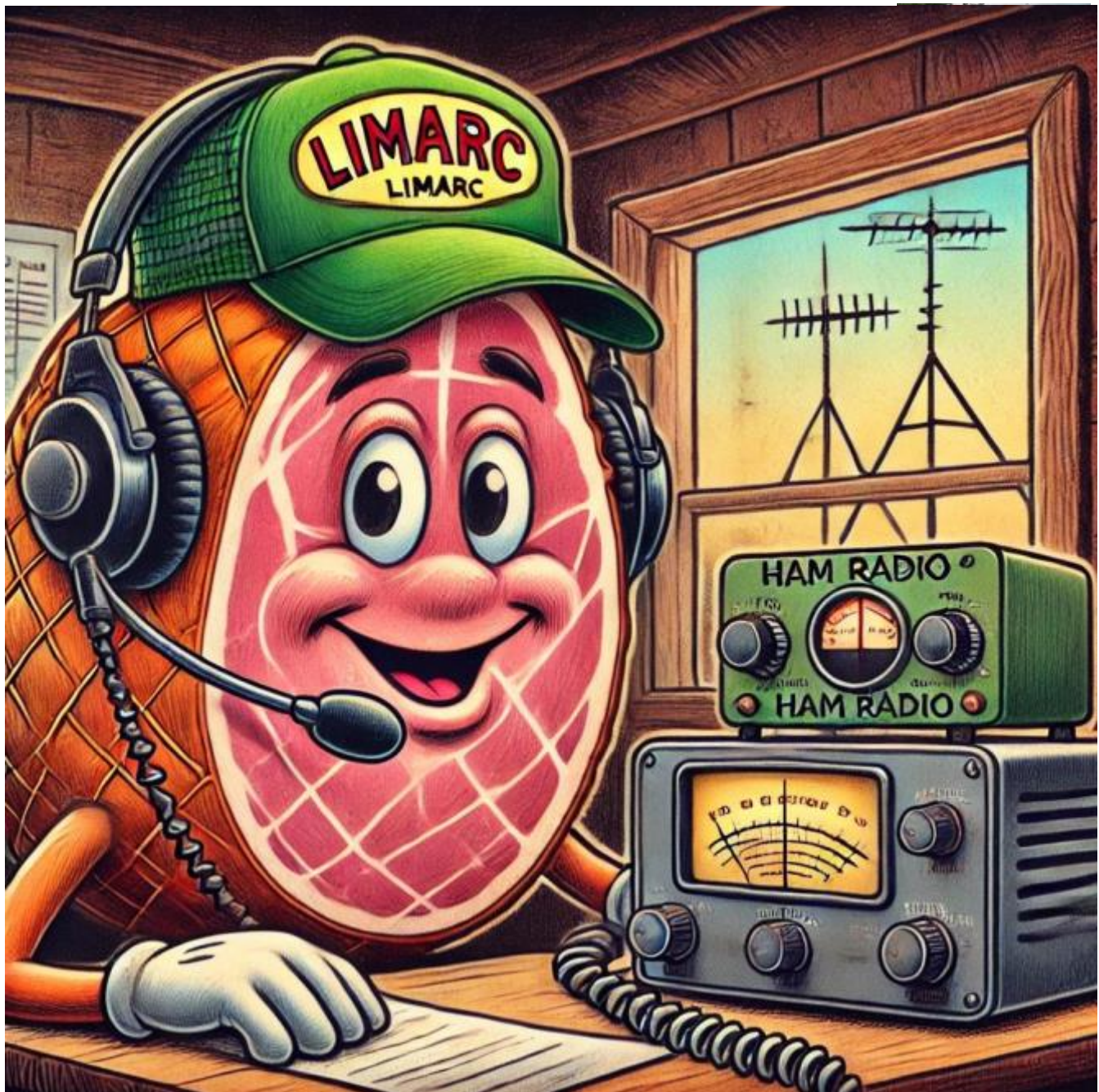




LIMARC.ORG

We Are  
All  
About  
Ham  
Radio!







Greetings!

Over the past year I have had to take a much more active role in mailing out the membership cards. It has made me keenly aware of how many members of LIMARC I don't know. In most cases these are members who do not use our repeaters but support the club for a variety of reasons, all good I am sure. I want to again thank all of our members for their support and in particular those who support it out of their generosity and support for amateur radio.

So that leads me to talk about Field Day which this year will be on June 28th and June 29th. What a great opportunity is presented for our members to come down to beautiful Seamans Neck Park located on the water in Seaford. Particularly for those members who do not use the repeaters, join us for the chance to get on the air using SSB, CW, or digital modes. There is a learning experience for those of you who might not be using HF at this time, or at least some of the modes.

Help us to set up and take down the equipment, safely and efficiently. Some of what you learn can be very useful in your own setups at home. We will have 7 stations running with multiple antennas set up in a variety of ways. There is always something to be learned.

## President's Message (cont.)

Most of all, join us and let us get to know you. The friendship and camaraderie of ham radio is one of its most sustaining features. It is 24 hours on the air, and a great time to be there. You will meet the nicest people and you are one of them.

Be safe out there!

73

Richie, K2KNB

\*\*\*\*\*

### ODE TO A SPELL CHECKER

*by Jerrold H Zar*

Eye halve a spelling check her,  
It came with my pea sea.  
It plane lee marks four my revue  
Miss steaks aye kin knot sea.

Eye ran this poem threw it,  
Your sure reel glad two no.  
Its vary polished in it's weigh,  
My checker tolled me sew.

A check her is a bless sing;  
It freeze yew lodes of thyme.  
It helps me right awl stiles two reed,  
And aides me when aye rime.

Each frays come posed up on my screen,  
Eye trussed too bee a joule;  
The checker pours o'er every word  
To cheque sum spelling rule.

Bee fore wee rote with checkers  
Hour spelling was inn deck line,  
Butt now when wee dew have a laps,  
Wee are knot maid too wine.

Butt now bee cause my spelling  
Is checked with such grate flare,  
There are know faults with in my cite,  
Of nun eye am a wear.

Now spelling does knot phase me,  
It does knot bring a tier;  
My pay purrs awl due glad den  
With wrapped words fare as hear.

To rite with care is quite a feet  
Of witch won should be proud;  
And we mussed dew the best wee can  
Sew flaws are knot aloud.

That's why eye brake in two averse  
Cuz eye dew want too please.  
Sow glad eye yam that aye did bye  
This soft wear four pea seas.

## LIMARC Board Meeting Minutes 2025-03-05

**Officers present:** President - Richie K2KNB, Vice President - George WB2IKT,  
Treasurer - Jerry WB2ZEX

**Directors present:** Harry KC2FYJ, Ken KD2GXL, Martin W1EMR, Glenn WB2QDS, Al W2QZ,  
Peter KC2ZVT

**Guests present:** Steve WB2KDG, Sig KB2HHU, Les K2TGW, Paul WS2N, Steve WB2WAK,  
Gary W2MIT, Larry W2LAG, Jim W2KFV

The February board minutes in the Log were corrected to indicate more storage space was needed to house Gladys' stuff and not Lattice's stuff. Ken KD2GXL commented that the ARES and ARRL reports were missing from the minutes also. Richie asked those who were at the February board meeting to read the minutes published in the Log and send any corrections to George WB2IKT. Approval of the minutes was tabled pending updates. The minutes were produced by an Artificial Intelligence agent from the recording of the board meeting since Secretary Ken WB2KWC was not present at the board meeting or available to produce the minutes.

**Good and Welfare:** Richie K2KNB said that both Rob KC2ILP and Dave Schneider (one of our large Hamfest vendors) both had hip surgery. The board wishes them both a speedy recovery.

**Hamfest:** Richie said that we had about 180 people at the Hamfest. Adding vendors, LIMARC members and others brings the number to about 260 which is not great. Another unfortunate event was a radio was stolen from Gene. LIMARC reimbursed Gene the \$160 cost of the radio. We had a similar incident a while ago and assigned people to keep an eye on Gene's table. Hopefully the reimbursement and additional monitoring will encourage Gene to come to our Hamfests in the future. The board discussed whether we should bear complete responsibility for reimbursing Gene.

A motion was made to update the Hamfest vendor agreement to state that it is the vendors' responsibility to safeguard their equipment from theft and LIMARC bears no responsibility for it. We will research what the legal wording needs to be.

## LIMARC Board Meeting Minutes    2025-03-05    (cont.)

**Repeater usage:** Richie K2KNB mentioned that our repeaters are not being used enough. He often hears people making calls but no responses. He encourages us all to be active on the repeaters. 146.85 is the go to repeater for people coming into this area, we need to keep it active for when people enter its coverage zone.

Richie expressed frustration that we are not doing more to help LIMARC grow and remain solvent. He mentioned presentations at Hamfests by Bob W2OSR and Ken WB2KWC which helped attract people to our Hamfests. We are down about 50 members from last year. As our membership gets older they pay senior dues which reduce our income. We need to attract more young members. We are very fortunate that Larry W2LAG has stepped forward to help us with the LIMARC web site and in other areas. Sig KB2HHU has helped out for 35 years and is now doing a lot of work in the membership area. Larry and Sig are tremendous assets for LIMARC; we need more people like them to step up and help with some aspects of the club.

Richie K2KNB said that we are currently in good financial shape; selling donated equipment and the addition of the Virtual Hamfest have made major contributions to the budget. This should provide a cushion for the future but we do not know how long we can rely on that. We need to plan now for 2026 or 2027. A solid educational program would be a great enhancement to LIMARC. You can teach elements of the license test, it is not necessary to know all of the material; you just need to be able to present it.

The board discussed our tax obligations for items purchased for the club, items sold by the club and items bought and sold at our Hamfests. Further investigation with an accountant/legal expert must be done.

## **LIMARC Board Meeting Minutes    2025-03-05 (cont.)**

**Vice President:** George WB2IKT said that he has finally confirmed Arnold Stillman to speak at the April meeting. Arnold's company, Poem Technology, makes systems that monitor the amount of fuel in an oil burner tank. Besides just the technical details of his monitoring gear, Arnold will tell us about how he built his company and how he used IoT in the process. George does not have a speaker for the May meeting, however we will be doing an overview of Field Day; in June the entire meeting theme will be Field Day. George is working with the IEEE at Stony Brook University on a student conference the first Saturday in April; George will be speaking about ham radio and Ed Wilson will speak about the ARRL in the hopes of getting some of the bright students at Stony Brook interested in ham radio.

Richie K2KNB said that we need help on Saturday March 8 to help move equipment between lockers in our storage facility.

**Membership:** Jerry WB2ZEX said that we have 282 members for 2025.

**ARES:** Ken KD2GXL told us that the next ARES meeting will be on March 13<sup>th</sup> and the topic will be radio programming.

**Technical:** Richie K2KNB told us that Charlie KE2AWX will assume the role lead of the technical committee. Charlie feels that his work schedule will now allow him to take on the responsibility. Sig KB2HHU is being trained on the maintenance of our repeaters. Things are working well; we would like to be able to remotely switch the Selden to Glenn Oaks link from AllStarLink to RF in the case of an Internet outage.

**Education:** Richie K2KNB said that we currently have 73 entries for the School Club Roundup.

## LIMARC Board Meeting Minutes 2025-03-05 (cont.)

**LIMARC web site:** Larry W2LAG said that the subscriber count for our YouTube channel is increasing. Larry noticed that the team that makes SDRplay has subscribed. We had a big spike in traffic right before the indoor Hamfest.

**LIMARC pamphlet:** The new pamphlet (tri-fold) has been completed by Larry W2LAG; it contains a description of the club and its activities. This pamphlet will be sent to all new members.

The board discussed inviting additional groups to sell at our Hamfests, especially those groups who use radios, even though they may not be ham radio.

### Votes/Actions:

1 – There were issues with the February minutes in the Log so approval was tabled until the issues could be corrected.

2 - A motion was made to update the Hamfest vendor agreement to state that it is the vendors' responsibility to safeguard their equipment from theft and LIMARC bears no responsibility for it. We will research what the legal wording needs to be.

Respectfully submitted;  
Ken Gunther WB2KWC  
LIMARC Secretary



## **LIMARC General Meeting Minutes 2025-03-12**

This was the annual LIMARC Membership Appreciation meeting. It started with members socializing and eating taco salad, pulled pork and macaroni and cheese prepared by Chef Richie Cetron.

The attendance was encouraging; we had at least 40 people at the meeting.

Richie K2KNB said that we are celebrating many things but we also have some concerns; we have lost a number of members, some have become silent keys, and others have moved out of the area. We are also concerned that people are not using our repeaters as much as they used to. We are in good financial shape for the next year or two but need to plan for 2027 and beyond.

Past presidents present: WA2KXE and K2KNB

Richie gave out certificates to the following people who have made significant effort to help LIMARC:

<b>Name</b>	<b>Callsign</b>	<b>Award</b>	<b>Name</b>	<b>Callsign</b>	<b>Award</b>
Lou	NY2H	Technical Committee	Bob	W2OSR	Technical
Bernie	K2YO	Bylaws	Rob	KD2GRS	Technical
Jay	KC2YSK	Bylaws	Sig	KB2HHU	Technical and membership
Steve	WB2WAK	Help with many technical things	Joe	WI2M	1.2 GHz net
Harry	KC2FYJ	Director, Net Control of Infonet	Art	WA2KXE	Past president (1986—1987)
Larry	W2LAG	LIMARC web site, technical	Frank	KE2ARA	Volunteer examiner
Charlie	KE2AWX	Many technical tasks	Tony	N2ICD	VE, Hamfests, & helping wherever he can
Pat	WB2CMF	Technical	Paul	WS2N	Spacenet report and tech net
John	KD2AKX	Hamfest tune up table & technical	Roy	AC2GS	Net control of tech net
			Aiden	KE2BXH	Hamfest



## LIMARC General Meeting Minutes 2025-03-12 (cont.)

Name	Callsign	Award
Jim	W2KFV	VE co-chair, NLI section liaison
Ed	WB2EAV	Volunteer Examiner
Don	WB2BEZ	Many things
Karl	N2RLD	Many things, Karl's RV is the LIMARC hangout at Dayton Hamvention & Orlando Hamcation
Larry	WA2SUH	Foxhunt, proofreading the Log
Rich	WA2NLL	Proofreading the Log
George	WB2IKT	Vice president, Log editor
Lew	N2RQ	Education, Net Control of Infonet
Al	W2QZ	Director, Volunteer examiner
Glenn	WB2QDS	Director, helping at hamfests
Richie	N2WJL	Holiday toy drive
Ken	WB2KWC	Secretary, net control of computer net
Ken	KD2GXL	ARES
Steve	WB2KDG	50/50, door prizes
Alice	WB2IJY	Social secretary
Peter	KC2ZVT	Director, Field Day logistics

Name	Callsign	Award
John	W2GW	QSL card checker
Mel	KS2G	Contesting
Gary	W2MIT	Zoom, parliamentarian, bylaws
Rob	KC2ILP	Field Day chairman
Les	K2TGW	220 MHz net control
Jerry	WB2ZEX	Treasurer
Jeff	N2ION	LIMARC picnic
Martin	W1EMR	Director, sound and video

Richie K2KNB thanked DX Engineering, Arrow Antennas and KJI for donating door prizes for the meeting.

Richie noted the good turnout at the meeting and thanked all for coming.

The meeting adjourned at 8:51 pm

Respectfully submitted;

Ken Gunther WB2KWC

LIMARC Secretary

## This Month's Lecture: Oil Level Monitoring

This month, we look at a clever design of determining how much oil remains in an oil tank. Such a device can be used by oil delivery services to keep track of their customers.

Oil delivery services monitor their customers' tanks for a few reasons:

- for contract deliveries, to avoid “runouts”,
- for COD deliveries, to prompt customers for a fill,
- to ensure customer retention, and
- to eliminate the reliance on the K-factor, which is the basis for a guess as to what is the level of an unmonitored tank.

Arnold Stillman, founder of POEM Technology, the company that developed this system will present the design of a tank monitor that uses a pressure tube to measure liquid levels. Using a pressure tube allows monitoring buried tanks where competing sensing methods do not work.

Some of the topics that will be discussed include:

- The economics of heating oil delivery
- Types of tanks
- Types of tank monitors
- Pumpless manometry
- Cellular IoT Economics
- IoT Protocols
- IoT Hardware Design
- IoT backend
- User interface



### • **Speaker Bio:**

Arnold Stillman is the founder and CEO of POEM Technology, a manufacturer of cellular IoT devices.

He has held senior engineering positions at Clever Devices, Tacronics and Brookhaven National Laboratory. Most of his professional experience was at BNL, where he designed instrumentation for particle accelerators and high energy physics experiments.

He is a past chair of the Long Island Section of the IEEE and is a member of the American Physical Society. He is the author of several publications and has been a reviewer for The Review of Scientific Instruments. He is a graduate of the University of Rochester.

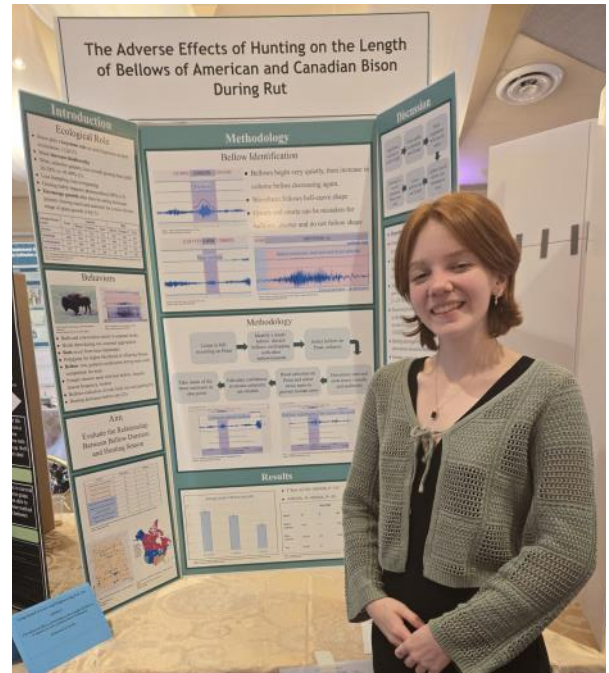
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## LISEF Science Fair Participants

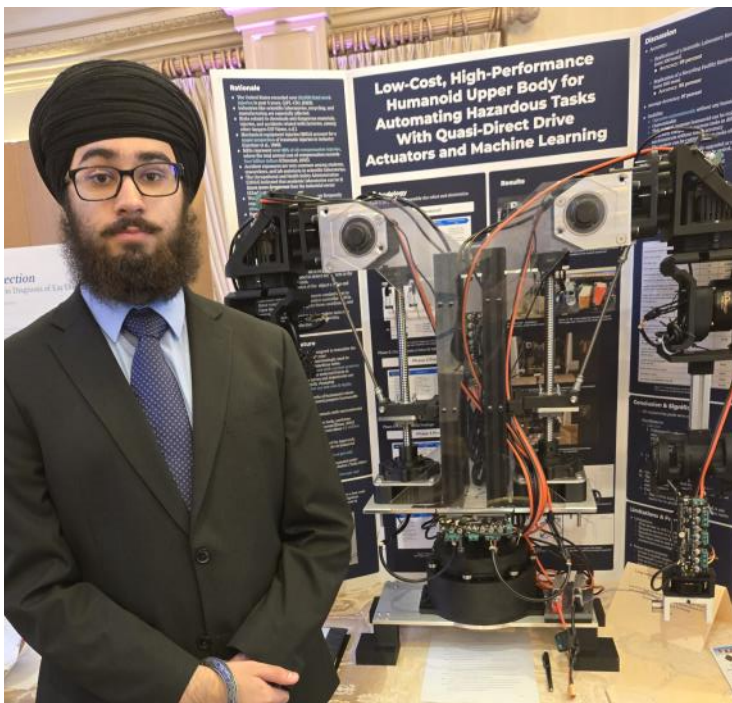
The following photographs depict the excitement, amazing hard work and effort, and the Intellectual curiosity shown by some of the LI high school student scientists at the 2025 LISEF Science Fair exhibit held on 3-13-2025.



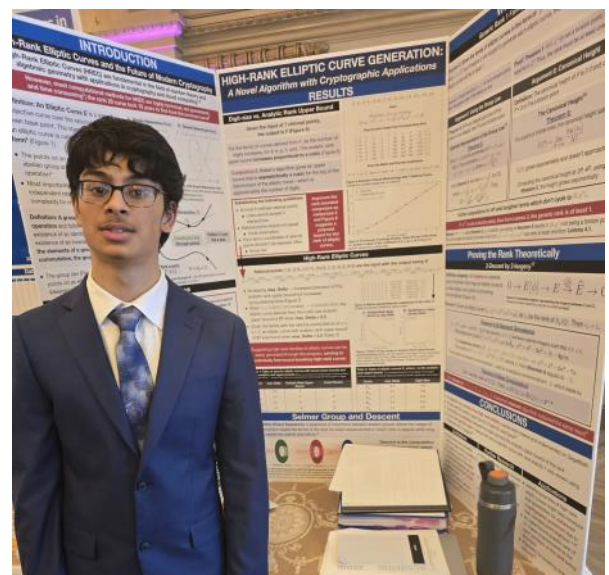
Judges Hall where 80 judges carefully deliberated over the fate of each project.



Alexandra won 1st place in the Animal Science category.



Partap earned 2nd place in the Robotics, Intelligent Machine, Software, and Math category.



Anish earned 3rd place in the Robotics, Intelligent Machine, Software, and Math category.



## LISEF Science Fair Participants (cont.)

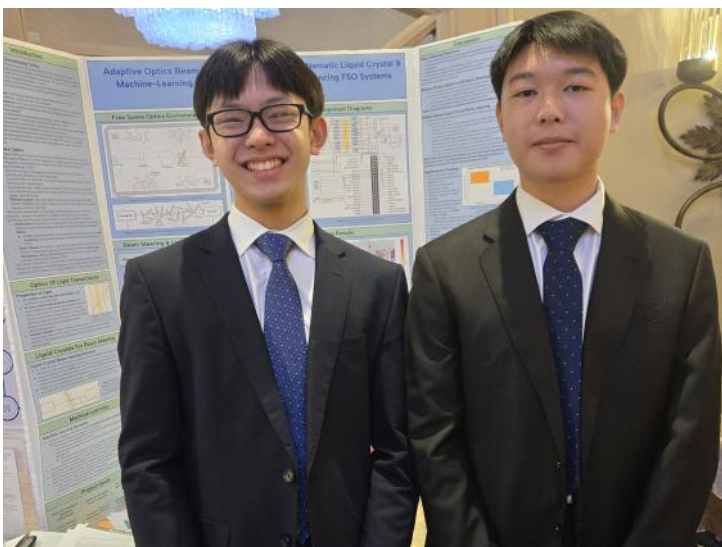
The Science Fair had 107 winning projects across 16 distinct categories. These young scientists represented 40 different Long Island schools. WB2IKT was one of eighty judges and took these photos. He handed out well over 100 LIMARC trifolds to recruit both students and judges.



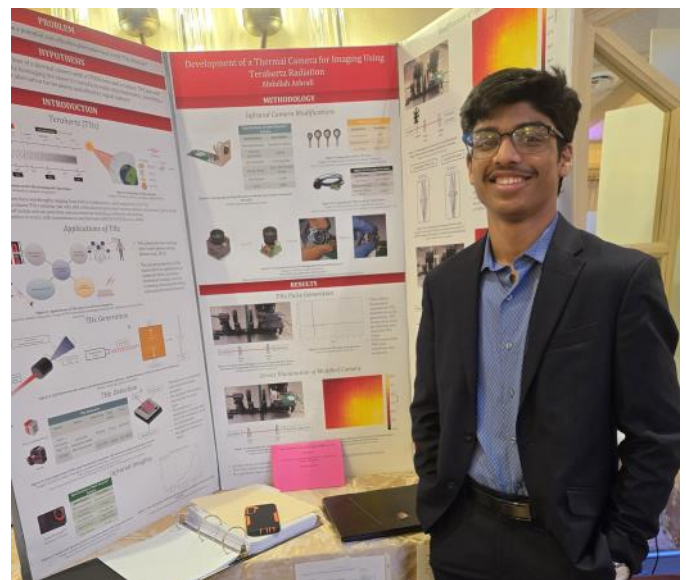
Ava earned an honorable mention in the behavioral and social sciences area.



Alexander earned 1st place in the embedded, technology arts, technology engineering, and energy technology category.



Bryan & Henry with their *Adaptive Optics Beam Steering System for Enhancing Free-Space Laser Optic Links* earned 2nd place in the embedded, technology arts, technology engineering, and energy technology category.



Abdullah earned 3rd place in the embedded, technology arts, technology engineering, & energy technology category.



## The Skinflint hams re-purposing a cordless drill

By Steve Campolo KA2YHY

So, this is a tale about being cheap, a desirable trait for most hams. Like many, I have several cordless power tools. Early on, most were cordless screwdrivers and drills. This tale is about two cordless drills that I refused to throw out due to expired battery packs, and how I modified them to accept the lithium battery packs from my new Milwaukee M12 series of cordless tools.

A friend gave me a very nice Craftsman 14.4V cordless drill with a key-less chuck and two battery packs. One battery would not take a charge and the other would charge but not last very long. Like most hams, I knew that rechargeable battery packs can be rejuvenated or replace bad cells. I first attempted to charge and discharge the old/tired NiCd battery packs. Very little improvement. With replacement NiCd sub-C cells at nearly \$5 each, this was not an option. So, the drill sat on the bench for several years.

Talking about this on-the-air with Dave N2APG and Bob N2NPJ I was informed that Harbor Freight was selling lithium powered cordless drills for under \$20 and under \$15 when on sale, so re-celling two packs was out of the question until I found a neat gadget on Amazon.

Since I have many of the Milwaukee M12 cordless tools and several battery packs and chargers, I was looking for an “M12 adapter”. While no “adapter” was found, I did find the M12 battery receptacle with leads such that you could use the lithium M12 battery and power up whatever you wanted; like HT’s, and of course cordless drills if you could adapt it.



The Craftsman drill with two batteries, next to the Milwaukee drill and M12 lithium battery pack.



Upon opening up the Craftsman battery pack, I found really old NiCd batteries with corrosion.



Next, I removed the old NiCd batteries and contemplated how to fit this wonderful battery receptacle into the old battery housing. Oh, another issue is that the M12 battery is, well 12V but the drill was a 14.4V. Amazon to the rescue.



There are gadgets called BUCK/BOOST converters. They are DC to DC switching power supplies that take a DC input, oscillate it, step up or down the AC then convert back to DC. You can also adjust the final output voltage within reason. So, I bought a 3A BOOST converter and adjusted its output to 15V DC.



The BOOST converter can be seen.



And in it went.  
Worked like a  
Charm and the  
drill is usable  
again.

Now to fit it in the housing.



Not to waste an old Harbor Freight drill with the same issue, I easily modified another drill. No need for the BOOST converter as it was 12V.



So, there you have the tale of the skinflint hams rescuing two usable cordless drills with a handy Milwaukee battery receptacle. It is a great idea. I wonder if other battery pack manufacturers make such a gadget. Below is the Amazon adapter. About \$7.50 each.



M12 Battery Adapter with Fuse, Battery Adapter for Milwaukee 12V, Power Wheel Adapter for Milwaukee M12 Dock Power Connector 12 Gauge Robotic, Not Included Battery (4PCS)

Being a tinkerer, replacing transistors can be a mysterious and daunting task for a ham. Matching the gain on stereo and other amplifier is yet another challenge.

One way to analyze and match transistors is with a transistor curve tracer. The gain, sometimes called Beta or hfe of the transistor can be easily seen on any dual trace oscilloscope set to the XY mode.

Typically, they are expensive equipment reserved for large commercial shops. With the recent invasion of low-cost (but good) test equipment from abroad (like the Nano VNA), I found the raw circuit boards for such a transistor tester.

The next article will be about building and using the transistor curve tracer. (Stay tuned—coming soon)

By STEVE CAMPOLO KA2YHY

**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 [rfl@LIMARC.ORG](mailto:rfl@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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## 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/>





## A Ham's Unexpected Hospital Visit    (An April Story)

A nasty big gun ham radio operator had to spend a couple of days in the hospital. He was a royal pain to the nurses because he berated them around just like he did on 80 meters to all his contacts.

None of the hospital staff wanted to have anything to do with him. The head nurse (whose husband was a ham) was the only one who stood up to him. She came into his room and announced: "I have to take your temperature." After complaining for several minutes, he finally settled down, crossed his arms and continued to shoot off his mouth.

"No, I'm sorry, the nurse stated imperially: "but for this reading, I CANNOT use an oral thermometer." This started another round of complaining, but eventually he rolled over and exposed his rear end.

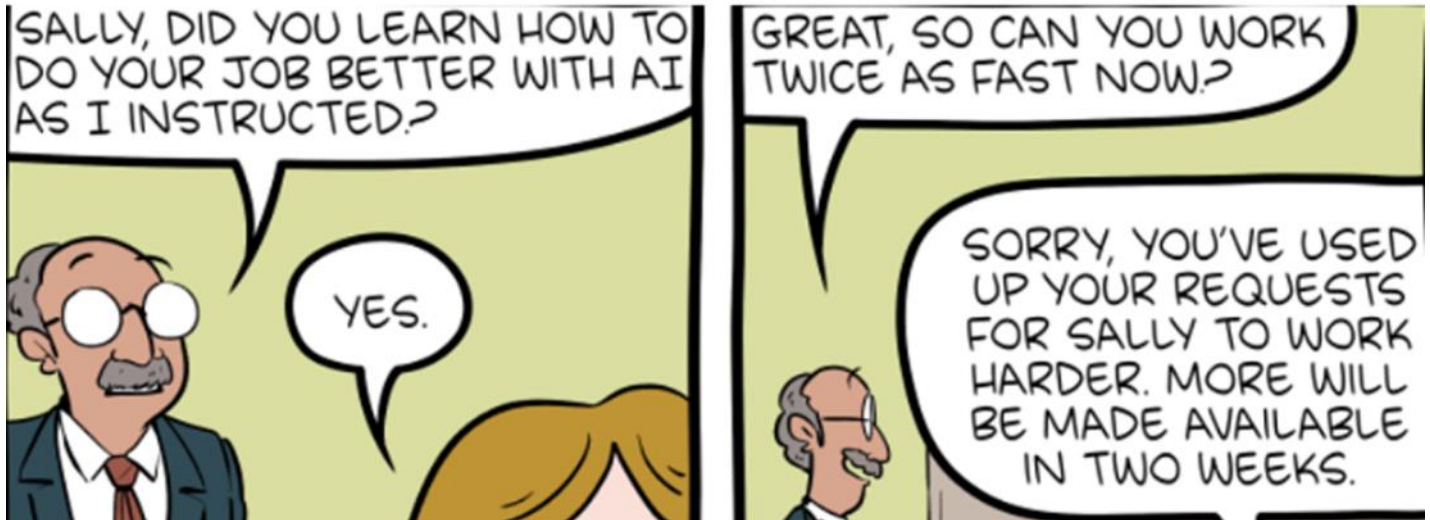
After a lot of pinching and feeling the nurse inserted the thermometer; then he heard her announce: "I have to go and get something. Now you stay put JUST LIKE THAT until I return!"

She deliberately leaves the door to his room open on her way out. He curses under his breath as he hears people walking past his door laughing. After almost an hour, the man's doctor (also a ham) comes into the room.

"Well, what's going on here?" asked the doctor. Angrily, the man answers, "What's the matter, Doc? Haven't you ever seen patients having their temperature taken?"

After a pause, the doctor chuckled: "Well, no. I guess I haven't. At least not with a rubber-duckie antenna with a yellow daisy on it anyhow."

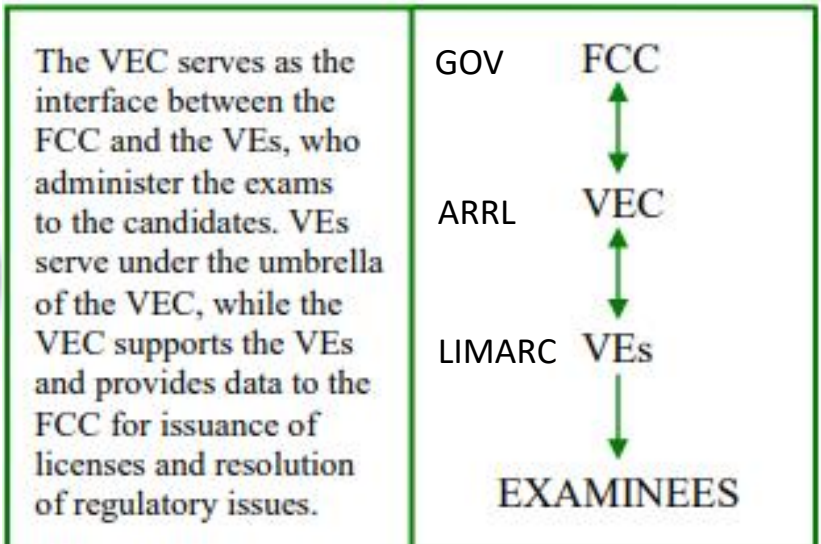
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**Follow these three steps to become an ARRL Volunteer Examiner:**

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



## LIMARC History

*-- compiled by George Sullivan, WB2IKT*

### 50 Years Ago—From the April 1975 Log

Unfortunately LIMARC's archives are missing a copy of the April 1975 Log. Sorry!

If anyone has a copy of this issue please scan it and send it to the Log editor.

### 40 Years Ago—From the April 1985 Log

LIMARC's meeting honored past ARRL division director George Diehl W2IHA. LIMARC had 480 paid-up members. Field Day committee searching for volunteers. Radar lobby group helped kill San Antonio legislation concerning mobile scanners.

### 30 Years Ago—From the April 1995 Log

Presentation by director of INFORM traffic monitoring system. N2FP provided advice on how to deal with jammers. LIMARC Memorial Fund application was printed. Technical article on Digital Modes using TNC's supplied by KE2FE.

### 20 Years Ago—From the April 2005 Log

Meeting agenda featured the annual silent (blind) (Chinese) auction. LIMARC had 323 paid-up members. An Arcom controller and UHF power amplifier purchases were approved. The rules for the 40th Anniversary Award contest for working 40 LIMARC members were published.

### 10 Years Ago—From the April 2015 Log

Meeting featured W2NDG talking about ham radio kits. Lindbergh Memorial special event station announced for 88th anniversary of 1st transatlantic flight at the Cradle of Aviation using K2CAM callsign. NY2H requested new site to hold the "Greensky" server.

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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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## Young Ladies Radio League

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

### YLRL Scholarships

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

Applications are due by April 30, 2025. Winners will be announced in July 2025.

- 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>



## 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>





## MICROWAVE/RF/WIRELESS SYMPOSIUM, 2025, GENERAL ADMISSION

#Symposium,Exhibits,Workshop #Microwave #RF #Wireless

Post Share LinkedIn Share

Manage this Event

General Registration - No Charge

The Long Island RF/Microwave Symposium & Exhibits is the area's premier annual event that brings together the Microwave, Millimeter Wave & RF community. This event is free for attendees but you must register in advance. All Long Island Engineers, Managers, Students and Technical Professionals involved in these fields are invited. Registered attendees will receive admission to the exhibit floor, technical lectures, complimentary lunch, the networking event and complimentary dinner. The first 200 registered attendees will also receive a complimentary swag bag.

🕒 DATE AND TIME | 📍 LOCATION | ✉️ HOSTS | 🏷️ REGISTRATION

Date: 17 Apr 2025

Time: 10:00 AM EDT to 08:00 PM EDT

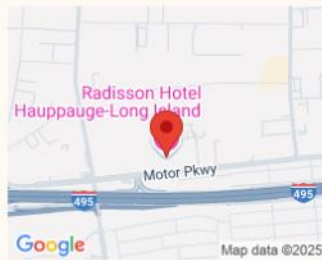
Add Event to Calendar

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Radisson Hotel  
110 Vanderbilt Motor Pkwy  
Hauppauge, New York  
United States 11788  
Building: Radisson Hotel



Long Island Section  
Long Island/New York Section Joint Chapter,MTT17  
Long Island/New York Section Joint Chapter,AP03  
Long Island Section Chapter,SP01

Contact Event Hosts

Engineers, Managers, Students, and Technical Professionals involved in Microwave, Millimeter Wave & RF Technology are all invited. This event is free for all attendees. Advance registration is required. Registered attendees will receive admission to the exhibit floor, technical lectures, complimentary networking lunch and dinner. The first 200 registered attendees will also receive a complimentary swag bag.

Co-sponsored by IEEE LI

Starts 18 February 2025 12:00 AM EST

Ends 17 April 2025 08:00 AM EDT

No Admission Charge

Register Now

Interested LIMARC members are welcome to attend this premier Long Island region wireless, radio, and microwave symposium. Please register using the URL listed below. The date is Thursday, April 17, 2025.

Technical Workshop starts at 10:00 AM

Exhibits open at 12:00pm (Set up at 11:00 AM)

Lectures start at 1:00 PM. Event Includes Free Lunch, Coffee Break & Lite Dinner

Any questions please contact Santo Mazzola at [smaz821163@aol.com](mailto:smaz821163@aol.com)

<https://events.vtools.ieee.org/m/469561>





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Email us at: [RFQ2824@schecklabs.com](mailto:RFQ2824@schecklabs.com)

**Phone: 631-343-5392**

Please Note: John sells surplus LIMARC Equipment.

Contact: John, KD2HVS 631-343-5392

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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.

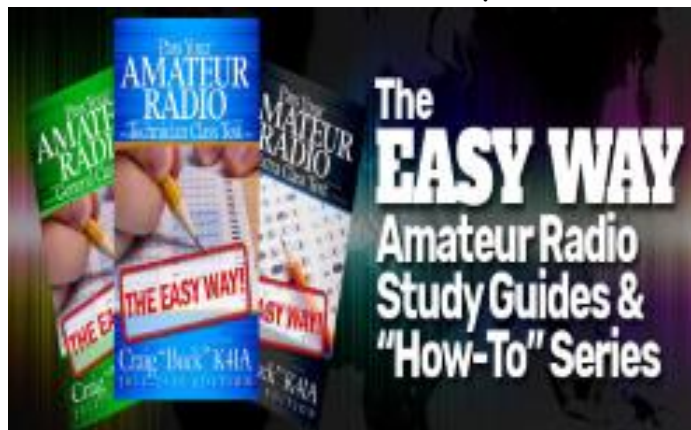
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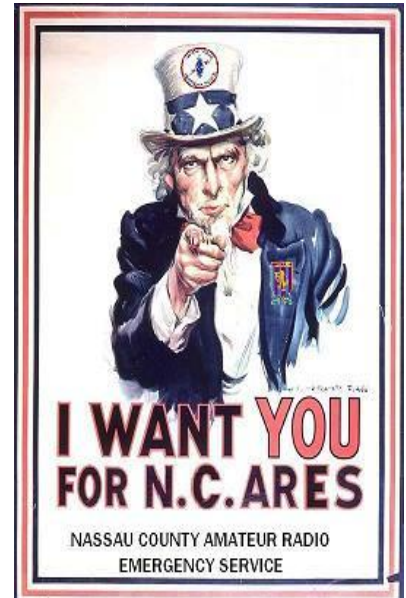
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## All Nassau A.R.E.S. Members

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 **04/10/2025** at 195 Willis Ave. Mineola, NY



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## Ham Radio and Scanner Radio Programming

Check our Website for Live Streaming Radio Feeds: Police, Fire, Amateur Radio, and 'Virtual' PCR-100 Receiver

Say you saw us in the "LIMARC Log"

(347) 829-SCAN

[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.)	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: _____	<input type="checkbox"/> RENEWAL of my license grant			
(Last name) (Suffix) (First name) (MI)	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:	DATE OF EXAMINATION SESSION
<input type="checkbox"/> NO NEW LICENSE OR UPGRADE WAS EARNED	EXAMINATION SESSION LOCATION
<input type="checkbox"/> TECHNICIAN Element 2	VEC ORGANIZATION
<input type="checkbox"/> GENERAL Elements 2 and 3	VEC RECEIPT DATE
<input type="checkbox"/> AMATEUR EXTRA Elements 2, 3, and 4	

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					
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
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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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This is the April issue. Can you identify the stuff floating around especially prepared for the April 1st event?

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