

A.R.A.T.S. Coherer

JUNE 2025

Volume 6
Issue 6

The Official Newsletter of
The Amateur Radio Association
of the Tonawandas, Inc.
- Since 1954

EDITORS MESSAGE

This club belongs to you, the members. Your ideas, energy, and participation are what keep ARATS vibrant and relevant. I encourage each of you to share your thoughts on how we can make our club even better. Want to organize a new activity? Propose a project? Now's the time to step up! Let's hear your ideas - big or small at our picnic or via email to me directly.

MEETING DATES & LOCATION

Remember meetings are on the 3rd Wednesday of each month at City Hall, City of Tonawanda, 200 Niagara Street, Tonawanda NY Unless otherwise noted time will be 7 p.m.

VE EXAM LOCATIONS

Lancaster ARC: John H. Maxwell

(716) 404-9256 or
maxwell@acsu.buffalo.edu

South Towns AMS (WB2ELW)
Robert A. Koster (716) 649-7272

Rkoster53@roadrunner.com

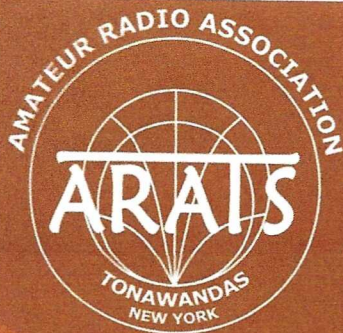
ILockport Amateur Radio Association

Lara.W2RUI@gmail.com

President: Mike (716) 240-8826

Contact any of these Clubs and they will get you started.





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PRESIDENT'S MESSEAGE

The ARATS Annual picnic is Wednesday June 18th at Adams Fire Company 7113 Nash Road, North Tonawanda. The Board meeting will be held at 6 pm and the picnic at 6 pm. All members coming to the picnic are asked to bring a dish to pass.

Field Day weekend is Saturday June 28th and June 29th, set up at 9 am on Saturday June 28. Coffee and donuts will be there for all to have. We need help Saturday 28th of June for set-up and then again 29 June for take down "PLEASE" come and help even if it's for an hour.

ARRL VE TEAMS – GO DIGITAL IN 2025

In 2025, the ARRL VEC will switch to a fully digital format. Printed booklets and shipments will be discontinued, as all teams will use the Exam Tools system for online or printed exams.

Licensing exams for Technician, General, and Extra classes will be done online. For in-person exams, such as at Hamfest, printed exams will be graded electronically using smartphones. In-person exams can also be taken on laptops, iPads, or tablets.

Exam results will be uploaded the same day of the exams. This make the time much shorter before getting your new license or upgrade notification via email from the FCC.

SAFETY IS NOT AN ACCIDENT

PPE (personal protective equipment) is an essential part of safety planning and requirements will be specific to your stations and events.

TYPES of PPE

Safety Boots – These have steel toe caps and possibly non-slip, electrically-insulating soles.

GLOVES

Tough industrial gloves should be worn if you are handling rough items that could cause injury to your hands.

TOOL BELT

Not strictly PPE but very handy if your site is spread out. May also stop tools dropping on someone if you need to work at height.

HIGH VISIBILITY CLOTHING (HiVis)

Should be worn in poor visibility or in areas where there are moving vehicles. Far too many accident reports have phrases like: I didn't see them until it was too late.

GOGGLES and EYE SHIELDS

Should be worn for any activity that can give rise to flying particles, debris, dust or grit.

HARD HATS

These, along with HiVis, are emblematic of Health and Safety but are major contributors to reducing injury.

Equipment

Again, this list is not exhaustive. You should always follow manufacturers' instructions and any guidance provided by the Safety websites and any other safety websites.

FIRST AID KIT AND FIRE EXTINGUISHERS

These should be the first on your station equipment list.

Planning is the key to operating safely. A few moments of thought about tools, equipment and PPE may save injury and curtailment of your activity, not to mention long and tedious waits in Emergency Rooms.

REMEMBER TO ALWAYS BE SAFE AND WORK SAFE

Dear AMATEUR RADIO ASSOC OF THE TONAWANDAS, to the Attention of Robert Edward Allard K2MNC:

I am writing to inquire as to whether you would help to promote the Northeast HamXposition, a.k.a. HamX, from now until the 24th of August.

We are working hard to improve HamX by bringing in more vendors, sponsors, and great prizes, as well as hosting better forums and a much more engaging flea market. For example, this year's Friday night DX-themed banquet is sponsored by DX Engineering. DX Engineering has donated an Icom IC-7610 HF transceiver, valued at \$3,300 for the Friday night door prize. If you attend Saturday night's banquet, you could win a Yaesu FT-710 Field radio, valued at almost \$1,000. To date, we have a total of \$15,000 in door prizes for Friday, Saturday, and Sunday, and we expect to secure more.

Thank you for promoting The New England Convention, HamX!

73,

Kellye, K1SOE

Reply to: KellyeK1SOE@gmail.com

Kellye Eversole, K1SOE

Member, HamXposition Marketing & Promotion Committee



HamX - The Northeast HamXposition

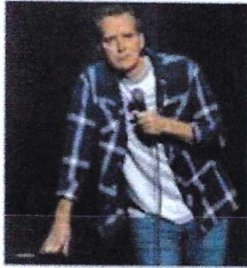
August 21 - 24, 2025

ARRL New England Division Convention

The Northeast's largest gathering of radio amateurs, featuring in-person experts presenting on timely topics, trends and technologies



Thursday Night Comedy Kick-Off



Featuring Comedian Justin McKinney
Thursday, August 21, 2025

Friday Night DX/Contest Banquet

sponsored by
DX
COMMUNICATIONS



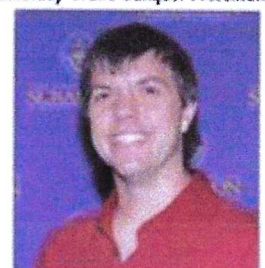
Featuring Ned Stearns, AA7A
Friday, August 22, 2025

Convention Keynote Address



Featuring Thomas Witherspoon, K4SWL
Saturday Morning, August 23, 2025

Saturday Grand Banquet Presentation



Featuring Nathaniel A. Frisell, W2NAF
Saturday Evening, August 23, 2025

Over \$14,000 in prizes • Large Outdoor Flea Market • W1XPO GOTA Station

ARRL • ACOM • FlexRadio • Elecraft • Quicksilver Radio • Reliance Antennas • VE2DX Electronics
Lido Radio • Gold Medal Ideas • Scanner Master • plus many more!

Talks and Presentations: 2.4 GHz xcvr Build • Kit Building Workshops • MARS • YL Meet & Greet • 3-D Printing • Youth Forum • FEMA Talk • SWR and S-Parameters • Remote Radio Transmitter IMD • Demystifying Quantum Computing • ARRL Section Meetings • Operating all Bands • Club Forum • Andy's Linux • MESH Update • and more!

August 21 - 24, 2025 • Boston-Marlborough MA • hamx.org

License Renewal

Just a quick note: When was the last time you renewed your Amateur License? You may want to check the date on it before it has expired.

Reminders

Membership is open to anyone interested in Amateur Radio. Regular dues are \$20 a year. Other rates are also available. We are having to look for a place to get name badges as our regular place went up quite a bit, so if you know where we can get them, please e-mail me.

ARATS website and Facebook pages are up and running, look at both.

No need for an application anymore just send your check, to:

ARATS

207 Syracuse Street

Tonawanda, NY 14150 – 5429

C/O Robert Allard



RADIO CONNECTS

2025 ARRL Field Day | June 28-29



**BE THE FIRST TO PRE-ORDER
2025 ARRL FIELD DAY GEAR!**



Get ready for amateur radio's largest on-air operating event with 2025 ARRL Field Day gear available for [pre-order now](#). T-shirts, hats, mugs, pins, patches, stickers, and more are a great way to show off your participation in this annual event. This year's design features the theme **RADIO CONNECTS**. The back of the t-shirt includes a check-off list of ARRL and RAC Sections – a fun way to keep track of your Field Day contacts.

Meeting Notes

Membership is down a bit, but we are not the only club with low membership, if you know someone who would like to become an ARATS member let me know, they do not need to be an Amateur Radio Operator to join. Some listen to us on the radio, I use to do so for years and so did my son. We are not having meetings in January or February as we find these are the bad snow months and we get low turnouts. Just to let you know we are putting an antenna and repeater on DeGraff Hospital in North Tonawanda, along the TCMH (Twin City Memorial Highway)

*** WANTED ***

Writers *** Picture Takers *** Story Tellers ***

Your editor needs articles and photos for your COHERER Newsletter

Also, I would like Constructive Criticism to help make it better.

What I need all members to do is Email me with suggestions on what do you want from the ARATS Club, is there a Presentation you want us to give or

Some place to go, and if you can give a presentation that would be Great.

Please email your articles, photos, and comments to Bob at reallard5276@gmail.com

ARATS WEEKLY NETS

2-Meter Net Every Thursday at 8:00 P.M.
146.955Mhz – offset PL 151.4

2 – Meter Net Every Wednesday at 8: 00 P.M.
144.210 SSB

6- Meter Net Every Monday at 8: 00 P.M.
50.200Mhz
Net Controller WB2VUO (this is not an ARATS net)
Anyone can join

10 – Meter Net Every Tuesday at 8:00 P.M.
28.450 USB
Net Controller is

Bulletins: The Bulletins have stopped for now

Join in on one of the many nets, find new friends, and ask questions that you

You may want to get an answer, or maybe you can help someone out with their question. Stop by; we would love to hear from you.

OFFICERS

President - Robert Fleischauer / bobkc2szq@yahoo.com
V-President / Treasurer - Robert Brock / k2led@arrl.net
Secretary – Robert Allard / reallard5276@gmail.com

DIRECTORS

Robert Allard - [/reallard5276@gmail.com](mailto:reallard5276@gmail.com)
Mark Francis - / mark12007@outlook.com
Joe Eberle - / n2zdu@aol.com
John Kasupski - / johnkasupski1@gmail.com

ACTIVITY COORDINATORS

Club Station Trustee – Robert Fleischauer / [/bobkc2szq@yahoo.com](mailto:bobkc2szq@yahoo.com)
Club Repeater Trustee – Joe Eberle / n2zdu@aol.com
Membership Chairman – Robert Allard / reallard5276@gmail.com
Webmaster – Robert Fleischauer / bobkc2szq@yahoo.com
Coherer Editor – Robert Allard / reallard5276@gmail.com

Western New York Officials

Assistant Section Manager:
Laura Mueller N2LJM
N2ljm@arrl.net

Section Emergency Coordinator
Assistant Section Manager
Joseph M. Tedesco, KC2DKP

Section Youth Coordinator
Keith P. Oliver, KD2KON

Section Traffic Manager
Assistant Section Manager
Raymond M. Feness, K2RMF

Affiliated Club Coordinator
Luke Calianno, N2GDU

Assistant Section Manager
Richard C. Sparling, K2EY

Section Traffic Manager
Matthew D. Brown, K2EAG

Technical Coordinator
William K. Hibbert, WB2VUO
wb2vuo@arrl.net

Public Info Coordinator
Edward A. Gutowski, W2GUT

Assistant Section Manager
Donald W. Rankins, N2ZWO

Assistant Section Manager
Tom L. Delasin, WA2DAD

Assistant Section Manager, W2LC
Scott J. Bauer, W2LC

Assistant Section Manager
Mike Johnson, N2WKT

The Amateur's Code

- Considerate: Never knowingly operate in such a way as to lessen the pleasure of
- Loyal: Offering loyalty, encouragement, and support to other amateurs, local club and The American Radio Relay League, through which Amateur Radio in the The United States is Represented Nationally and Internationally
- Progressive: With knowledge abreast of science, a well-built and efficient station and Beyond reproach
- Friendly:
counsel With slow and patient operation when requesting friendly advice and
To the beginner, kindly assistance cooperation and consideration for the Interests of others
- Balanced: Radio is an avocation, never interfering with duties owed to family, job, School, or community
- Patriotic: With station and skill always ready for service to country and community

Who are Hams?

Ham Radio operators are movie stars, missionaries, doctors, students, politicians, truck drivers and regular people. They are all ages, sexes and income levels linked by their interest in wireless communications technologies. There are more licensed American Amateur Radio operators now than ever before in history.

Why do you need a license?

While license application requirements vary by country, the Amateur Radio Service is also controlled by international law and agreements because radio waves do not stop for international borders. In its regulations (Part 97), the Federal Communication Commission (FCC) recognizes the ability of the hobby not only to advance radio communication and technical skills, but also to enhance international goodwill.

What's the appeal of Ham Radio?

Hams are the cutting edge of many technologies. They provide thousands of hours of volunteer community and emergency services when normal communications go down or are overloaded. All of them enjoy being creators, not just consumers, of wireless technology.

Learn more about Ham Radio

Ham radio is the ability to communicate – across the street, around the world, or even with people and satellites in space! Even when the power's out and the land lines and cell phones don't work, with a battery, a radio, and a wire, ham radio is there.

Ham Radio lets us enjoy life-long friends, and a hands-on-technical education. It provides the resources and encouragement to experiment with new things and to design and build on the latest communications.

You can't say that the sky is the limit when there are footprints on the moon! You can go anywhere you want, without boundaries, and amateur radio can help you get there.