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Winter Field Day Proves a Winter Success!

EGARA's first Winter Field Day enjoyed a strong turnout by members and guests, with a total of 19 participating. The club operated from Noon until 6 pm on Saturday, January 25th, operating one HF station at the Rensselaer County Search and Rescue Building. Meanwhile, club member Justin Cummings, KG2RG, worked both Saturday and Sunday from his home, running both SSB and CW.

During the event the bands were busy and pile ups were common, often requiring long wait times to get through make QSOs. Equipment employed for Winter Field Day included the club's Yaesu 450D transceiver, an MFJ tuner and an off-center fed Windom antenna. Two members, Don Mayotte, KB2CDX and Peggy Donnelly, KD2LMU, provided battery power supplies, allowing operation without needed utility power. The club's total contacts combined with Justin's brought the total to over 300! Extra points were gained for CW contacts and using battery power.



Preparations for Winter Field Day actually began on Thursday, with removal of equipment from storage and checks for proper operation, providing time to deal with any unexpected issues. Coverage was also provided by the Troy Record, as well as by postings on Facebook and "X" (Twitter).

EGARA's participation in Winter Field Day not only provided an opportunity to operate under simulated emergency conditions, it also gave members a chance to get out of the house and get together for a day of good conversation and camaraderie. To make the day a bit more enjoyable, the club also provided a platter piled high with submarine sandwiches, snacks and beverages. Gina Pendolino, KC2QJC, who is rumored to be the odds-on favorite as the club's next President, also provided delicious homemade chocolate cookies for dessert.

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Club Meetings Moving to Thursdays

EGARA is permanently moving its monthly membership meetings to the second Thursday of each month starting with the February meeting. The change follows a request from members to better accommodate their work schedules and allow them to attend more meetings. The next meeting is on Feb. 13th.

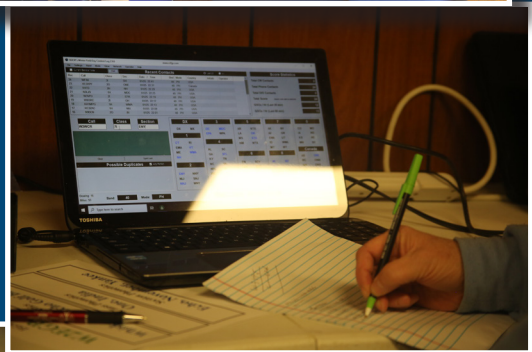


An email survey was sent to the membership regarding the proposal and there were no objections to the move.

Meetings will continue to begin at 7 pm at the Rensselaer County Search and Rescue Building.

Membership Meeting - Thursday, February 13, 2025 - 7 pm

Winter Field Day Photo Gallery



On the Beam News & Notes

Ham Must Pay \$34,000 in First-Responder Interference Case

Arguing good intentions, Jason Frawley also said he can't afford the penalty

A ham radio operator in Idaho must pay a record \$34,000 penalty for causing interference with communications during a fire suppression effort. That's the ruling from the Federal Communications Commission in the case of Jason Frawley, licensee of amateur station WA7CQ.

When the commission issued its notice of liability 2-1/2 years ago, Chairwoman Jessica Rosenworcel wrote: "You can't interfere with public safety communications. Full stop. So today we propose the largest fine of its type for this interference that put fire suppression and public safety itself at risk."

Frawley acknowledged that he operated on a frequency without authorization but argued that he did not interfere with government communications and was trying to help. He asked for a cancellation or reduction but the commission has rejected his appeal. It's not clear why the FCC took so long to finalize the penalty. When the forfeiture finally was adopted the day after Christmas, Commissioner Nathan Simington dissented but did not release a reason.

The details

The FCC said that in 2021, Frawley willfully and repeatedly operated without authorization and interfered with radio communications of the U.S. Forest Service, which was attempting to direct operations of fire suppression aircraft working a 1,000-acre wildfire on national forest land near Elk River, Idaho. The FCC said that over a two-day period, Frawley transmitted eight times without authorization on a frequency allocated to government use. The Forest Service complained about transmissions on 151.145 MHz that was being used to coordinate the firefighting.

"The complaint stated that the individual had caused radio frequency interference to communications with the U.S. Forest Service firefighter's fire suppression aircraft," the FCC wrote. "The complaint alleged that, on July 17 and 18, 2021, the individual had interrupted fire suppression activities and had begun advising the firefighters and aircraft personnel of hazards at a radio repeater site located at Elk Butte. The complaint also stated that the individual had identified himself on the radio as 'comm tech' and his location as the Elk River airstrip."

The FCC said that on July 18, the fire operations section chief left the scene of the fire, drove to the airstrip and told Frawley to cease operations on the frequency. In 2022 the FCC issued its notice of liability. In response, Frawley did not contest that he had operated unauthorized on a government frequency. But he said he made six transmissions, not eight; that the total duration of the transmissions including the firefighters' responses was less than one minute; and that he did not cause interference to ongoing communications.

He said he made the transmissions with "good faith and non-malicious intent to help," that he hadn't been given a warning before being fined, that he had a history of compliance, and that he can't afford to pay the penalty. He submitted tax forms as evidence. Frawley said his actions should not be handled like those of someone who had malicious intent or deliberately jammed signals. Instead an admonishment would be more appropriate.

Decision upheld

But the FCC is unmoved: "We have fully considered the arguments and accompanying financial information set forth in Frawley's NAL response and subsequent filings, but we find none of them persuasive," the commission ruled. It said the base forfeiture is \$10,000 per violation for each of the two days that Frawley operated without a license on 151.145 MHz and \$7,000 for each of the two days that he caused interference to authorized stations. It added that it had actually chosen not to adjust the penalty upwards, as it has done in certain past cases. Further, while the FCC acknowledged that one of its criteria for reducing a penalty is "good faith or voluntary disclosure," it said it has no precedent for applying "good faith" intention in a case involving first responders. "We find his ability to pay is outweighed by the nature of the violations themselves and their potential threat to public safety communications," the FCC stated.

Carr Is Now FCC Chairman

Trump Appointee Expected to Make Major Agency Changes

As expected, President Trump signed an order upon taking over the White House to designate Commissioner Brendan Carr as chairman of the Federal Communications Commission. Carr believes it's an institution ripe for change, according to the chapter he wrote in Project 2025 about the FCC. Among his first moves was to eliminate Diversity, Equality and Inclusion policies -- better known as "DEI" -- from the FCC.

"The FCC needs to change course and bring new urgency to achieving four main goals," including "reining in Big Tech," Carr wrote in his chapter on the FCC in Project 2025, policies ideas published by the Heritage Foundation.



"Today, a handful of corporations can shape everything from the information we consume to the places we shop," Carr wrote in the document. "These corporate behemoths are not merely exercising market power, they are abusing dominant positions."

The FCC should restrict immunity from Section 230, part of a law that says tech companies aren't liable if a user posts something libelous, as well as tamp down the businesses' ability to "censor protected speech while maintaining their Section 230 protections," he wrote.

Carr has taken aim at some broadcasters, including CBS News, echoing Trump's claims that they engage in political bias. For instance, Carr singled out NBC for including Trump's Democratic rival, Kamala Harris, in a "Saturday Night Live" skit before the election. (Editor's note: The equal-time rule should not be confused with the now-defunct FCC Fairness Doctrine dealing with presenting balanced points of view on matters of public importance)

"This is a clear and blatant effort to evade the FCC's Equal Time rule," Carr wrote on X on November 2nd. "The purpose of the rule is to avoid exactly this type of biased and partisan conduct — a licensed broadcaster using the public airwaves to exert its influence for one candidate on the eve of an election."

Trump has repeatedly called to strip major broadcasters such as ABC, NBC and CBS of their licenses (*Editor's note: Networks are not licensed, only broadcast stations are*). During the 2024 campaign, Trump sued CBS News over a "60 Minutes" interview with Harris, alleging the network used "deceitful" editing of her responses. CBS News has called the president-elect's claims "completely without merit" and will vigorously defend against the lawsuit.

Carr's designation as chair does not need Senate approval. Carr is in the midst of his latest term as commissioner and has been confirmed unanimously by the Senate three times. Olivia Trusty is Trump's choice to fill the open commission seat left by the resignation of Jessica Rosenworcel. If confirmed she will bring the panel to a 3–2 Republican majority.

First License Exam Session of 2025 Set for Feb 8th

EGARA Volunteer Examiners will hold their first license test session on February 8th at the East Greenbush Library starting at 1:30 pm. Tests for all license classes will be given, including Technician, General and Amateur Extra.

"Winter is a great time to get licensed or upgraded, as Amateur Radio can help beat the doldrums of cabin fever," said EGARA President Bryan Jackson, W2RBJ.

To encourage young people to get licensed, the normal exam fee of \$15 is reduced to just \$5 for those under the age of 18. In addition, for those under 18, ARRL is now offering to reimburse them the \$35 FCC license fee. Eligible teens can find information and reimbursement forms at: <http://www.arrl.org/youth-licensing-grant-program>

Member Book Review: Capital District Radio History

By Steve VanSickle, WB2HPR



Besides maintaining an active presence on the 75 and 40 meters ham bands, I enjoy numerous radio activities, such as restoration and repair of legacy and antique radio equipment - and reading about the history of our hobby and radio, in general. This past Christmas holiday I received and read a copy of *Capital Region Radio 1920-2011* authored by local radio personalities Rick Kelly and John Gabriel.

This book is a part of the *Images of America* series from the Arcadia Publishing house in Charleston, SC. It is a comprehensive and fast-paced look back to the very beginnings of radio broadcast in the Albany-Schenectady-Troy area, starting with the early experimental stations engineered by the former corporate powerhouse General Electric. It captures the very essence of the money years of commercial radio broadcast, with background information and trivia relating to all the great stations, many of which have shut down -- or "gone dark" -- over the years.

Included are many black and white photos of stations, studios, on-air personalities (remember Boom-Boom Brannigan?) and the many promotional activities involving sock hops, store openings, and action shots of remote on-the-air location reporting and programming.

The time span covers the era when AM radio was king, leading into the present where FM broadcasting rules the commercial radio airwaves. Within these pages you'll surely see most, if not all of the people who brought you the "Top 40" of rock n roll, read the school closings, or gave you all the latest news, weather, and farm reports. It's sure to bring back some fond memories of those exciting times when people were glued to their radios, unlike today when we are all slaves of the cellular phone technology.

The book is widely distributed in our area and is available from Amazon as soft/hard cover or Kindle e-book.

This is a scan of a vintage program schedule for WGY radio station. The title is 'RADIO BROADCASTING STATION WGY SCHEDULE FOR JANUARY & FEBRUARY'. It lists various programs such as 'SUNDAY PROGRAMS', 'CHILDREN'S STORIES', 'WEEKLY HEALTH TALKS', 'NEWS BULLETINS', 'N. Y. STOCK EXCHANGE REPORTS', 'U. S. NAVAL OBSERVATORY TIME SIGNALS', 'OFFICIAL WEATHER FORECAST', and 'N. Y. PRODUCE MARKET REPORTS'. It also includes a photo of a band and the text 'General Electric Company Band'. At the bottom, it says 'GENERAL ELECTRIC COMPANY, Schenectady, N. Y., U. S. A.' and 'January, 1923'.

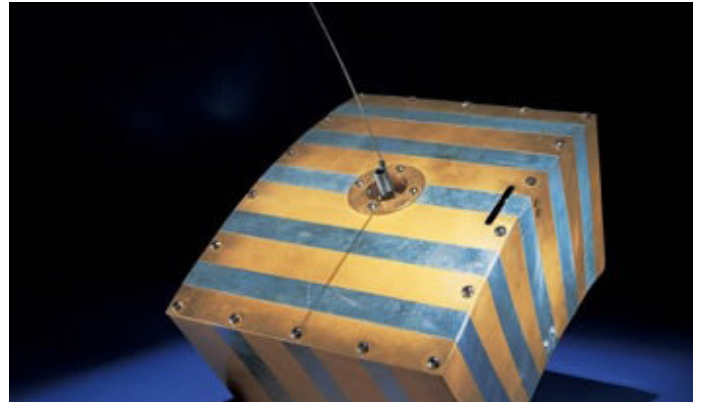
This WGY program schedule from 1923 was undoubtedly distributed by mail to listeners who wrote in to the station. Note the scheduling of time signals and weather forecasts.

If you spent any time listening to AM radio in our region over the past decade or two, you should find the book entertaining and informative as it leads you down radio's memory lane.

Amateur Radio History: Taking Amateur Radio into Space Hams Inspired by Sputnik 1 Built OSCAR-1, -2, and -3 Satellites

By Kim Klimas

Sometimes a taste of what “could be” gives you the kick in the pants you need to make history happen. And that’s exactly what happened to a handful of hams after the 1957 launch of artificial satellite Sputnik 1. Eager amateur radio operators tuned in on their shortwave sets to listen in on Sputnik’s 20 and 40 MHz bands—and got hooked! And when the Columbia University Amateur Radio Club was the first group to rebroadcast Sputnik’s signal publicly, beating out bigwigs like NBC—well, those space-struck operators knew they were unstoppable. The next logical move? Proving civilians could hold their own in the space race with a ham-built amateur radio satellite, of course.



Amateur Radio’s OSCAR 1

Or at least, that’s what a highly proactive ham named Don Stoner, W6TNS, whose shack was built from the sliced-off front end of a classic Mercedes Benz thought. So, he wrote up a persuasive essay for CQ Magazine that asserted that hams were being left out of the space race despite their obvious ability to build satellites with an assumed ease. All they lacked, if anything, was a partner with a missile in tow for blastoff.

In no time, the idea began to pick up speed.

Finding a missile-toting like-minded ham with a desire to help out with the mission set itself right when the team of satellite-savvy hams, who had by this point adopted the Project OSCAR Association moniker, decided to team up with Air Force Chief of the Space Instrumentation Section at NASA’s Jet Propulsion Laboratory. A ham himself, the Air Force chief set aside space on the Discover 36 KH-3 Corona surveillance satellite in the aft of the payload (where a ballast was normally kept) for the candidly-titled OSCAR-1 (Orbiting Satellite Carrying Amateur Radio) satellite to hitch a ride on its history-making space debut.

While that might all sound glamorous, the location of the builds didn’t take place in the high-tech aeronautical environment you might think. Instead, it got a humble start in the garage and basement of longtime ham Chuck Towns, K6LFH, who when broached about participating in the build responded only with “You’re crazy!” Then, “When can we start!” And surprisingly with the help of sponsors, the entire project came in at the absurdly low cost of a mere \$63. Now that’s getting a heck of a lot of bang for the proverbial buck—if you ask us!

And here’s what those 63 well-spent dollars got us on OSCAR-1:

- The satellite carried a simple battery-powered beacon transistorized VHF transmitter with a beacon signal and monopole antenna
- The wedge-shaped body was only 10 pounds with a lightweight magnesium skin and frame
- Gold-plated body with passive thermal management
- Transmissions were made on the two-meter band using an electronic keyer that varied the speed of the signal based on the temperature of the satellite
- The Morse code cypher for laughter, “HI,” was used
- Absorptive paint used on the exterior absorbed heat to prevent the interior mechanics from freezing along with insulation on the interior for added protection

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Sputnik Gives Birth to OSCAR...

Launched on December 12, 1961, the OSCAR-1 piggyback launch was a full-out success. Once in orbit, a bolt released and a spring purchased for a single dollar at Sears ejected the world's first non-governmental satellite into independent orbit where it remained for 22 days. And it began transmitting to Earth-bound hams below almost immediately without stopping until its batteries died on day 20, reaching more than 570 hams from 28 countries during its approximately 280 orbits.

The mission was ultimately a success—but not just in technical terms. The Project OSCAR team had proven that amateur radio could hold its own in space and that civilian groups could play nice with the military and government contractors. Valuable data on thermal management systems was obtained and used on the subsequent design of OSCAR-2, the first amateur radio repeater with a launch date of March 9, 1965, built much like the first but with more batteries. And there would be a third OSCAR as well, that unlike the first two with beacon transmitters had a complete two-meter ham station capable of receiving messages and then replying back to Earth.



**Lance Ginner , K6GSJ,
builds OSCAR I in his basement workshop**

Project OSCAR is still around today with a similar purpose but a new name: AMSAT. It's a volunteer-run organization that has launched multiple amateur radio satellites and is still running them today. These satellites currently orbit Earth, helping to solidify amateur radio's continued space presence along with groups like ARISS (Amateur Radio on the International Space Station) who facilitate contact between students and astronauts on the International Space Station.

And, to think, it all started with little more than a heck of a lot of determination, enthusiasm, and a \$63 investment.

New Ham Licenses Increased by 23% in 2024

The number of new Ham licenses issued by the FCC in 2024 was strong, increasing by 23% compared to 2023, while upgraded license activity rose by 12%. Volunteer Examiners also served nearly 25,000 exam applicants using the ExamTools online examination system, with 88% of candidates earning a new or upgraded license.

ARRL has worked to expand the choices for conducting exams for Ham licensing, ensuring flexibility and accessibility for all. An impressive 55% of all successful FCC license candidates were examined using ExamTools in 2024. The availability of remote video online sessions has made it easier for candidates to take their exams.

Additionally, the ARRL Youth Licensing Grant Program, introduced in April 2022, has continued to positively impact the community. In 2024, more than 900 young people benefited from this program, helping to inspire the next generation of amateur radio enthusiasts.

Hams with General or Amateur Extra class licenses are encouraged to become Volunteer Examiners. Information is available at: <http://www.arrl.org/become-an-arrl-ve>



News from EGARA -

The following news release was sent to Capital District media on January 14th and appeared in the Troy Record, on Facebook and "X" (Twitter)...

Emergency Communications to be Tested During Winter Field

Blizzards, wildfires, earthquakes, tornadoes and hurricanes can all knock out traditional forms of communications, including cell service and Internet. But one form of communications still can operate when those systems fail -- Amateur Radio. And, on Saturday, January 25th, Amateur Radio operators nationwide will put their emergency communication skills to the test during Winter Field Day. Locally, the East Greenbush Amateur Radio Association (EGARA) will participate in the event.

"When all else fails, there's Amateur Radio," said Bryan Jackson, W2RBJ, who serves as President of the East Greenbush Amateur Radio Association. "A radio, a battery and a piece of wire are literally all that's needed to get on the air and make contact during emergency conditions."

EGARA plans to operate from 12 pm until 6 pm from the Rensselaer County Search and Rescue Building located at 19 Neptune Street in Rensselaer. During Winter Field Day, the goal will be to contact other Amateur Radio stations throughout the United States and Canada during simulated emergency conditions, which include operating on battery power.

Since its beginnings well over a century ago, Amateur Radio has been instrumental in providing emergency communications during disasters. Most recently, "Hams" -- as Amateur Radio operators are often called -- assisted with public safety communications in several southern states devastated by Hurricane Helene after it knocked out utilities, Internet, cell service and traditional phone lines. After Hurricane Maria destroyed most of Puerto Rico's power and communication systems in 2017, over 50 Amateur Radio operators arrived from the mainland to work with local hams to quickly set up an island-wide emergency communications network.

Because of its unique ability to continue operating in the most challenging conditions, the Federal Emergency Management Association (FEMA) includes Amateur Radio in its guide for national emergency preparedness. FEMA recognizes that Amateur Radio operators, usually have detailed knowledge of the areas where they are located, and often have backup power and vital communications in areas where regular telephone, cell phone, and other normal communications links fail. Hams are also plentiful, with over 700,000 licensed operators in the United States, including over 25,000 in New York State alone.

Winter Field Day helps participants improve their preparedness for disasters and enhance their operational abilities in adverse conditions. Amateur Radio operators can also use a variety of methods to make contacts with other stations, including voice, Morse Code, and digital transmissions, as well as a number of VHF and UHF frequency bands. These options allow communications to be maintained using different modes and bands to overcome issues related to atmospheric conditions and interference.

Although an FCC license is required to operate an Amateur Radio station, passing the required examination is not difficult for the entry-level Technician license, one of three licensing classes. The others are the more advanced General license, and the top-tier Amateur Extra license. Each provides expanded operating privileges on the various ham radio bands.

There is also no age limit for obtaining a license, with youths as young as five years old passing their exams. Passing the Technician test requires 26 correct answers out of a total of 35 on a multiple choice exam. Applicants who take some time to study the licensing material overwhelmingly pass the test on their first attempt.

Individuals interested in gaining their amateur radio license -- or who wish to upgrade their existing license to a higher class -- are welcome to take their FCC exams on Saturday, February 8th at 1:30 pm at the East Greenbush Community Library, 10 Community Way in East Greenbush. The test session is being sponsored by the East Greenbush Amateur Radio Association and complete information on what is required prior to taking the exam can be found on the club's website at: <https://www.egara.org/ve-exams-sessions>

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News from EGARA...

In addition, there are many free study resources available to help prepare those who want to obtain their Amateur Radio license. A list is included at the end of this release.

The entry-level license is the Technician license allows operation of an amateur radio station on all amateur radio frequencies above 30 MHz, as well as a few select frequencies below. The Technician frequency privileges include the popular two-meter band where most local and area communication occurs.

An amateur with the Technician license can use voice repeaters with either a base, mobile or hand-held radio to communication with other hams in the area -- or around the world via internet connections or amateur radio satellites. Many hams also use their Technician license to participate as severe weather storm spotters or to provide emergency communications support.

The cost to get on the air can also be low, with new hand-held VHF/UHF radios available for as little as \$20.

“Amateur radio has never been more exciting,” said Jackson. “In addition to the new technologies it offers, there is also the excitement of contacting other hams across the United States and from countries around the world.”

World Radio Day is February 13th

World Radio Day (WRD) is an international day celebrated on February 13th every year to recognize the value of radio. It was established by UNESCO in 2011 and adopted by the United Nations General Assembly in 2012. Among its goals are to:

- Raise awareness of the value of radio;
- Promote international cooperation between radio broadcasters;
- Encourage access to information and freedom of expression;
- Highlight radio's impact on news, music, drama, and sports;
- Recognize radio's role in public safety during emergencies and power outages



The date of February 13th was chosen because it's the anniversary of the creation of United Nations Radio in 1946.

It will be followed on April 18th by World Amateur Radio Day, celebrated around the globe by radio amateurs. It was on this day in 1925 that the International Amateur Radio Union (IARU) was formed in Paris. American Radio Relay League (ARRL) Co-Founder Hiram Percy Maxim was its first president. The theme for 2025 is celebrating 100 years since the founding of the IARU.

**92% of people drop their New Years Resolutions
by the second week in January.**

**But you can keep the one BIG resolution you made --
to pay your 2025 EGARA dues!**

**Pay them in person at a club meeting...
or enjoy the convenience of paying them online
where it's fast, easy and secure!**

Visit EGARA.org/pay-dues

Then feel good about yourself -- unlike those other 9 out of 10!

**2025
NEW YEAR'S
RESOLUTIONS**

EGARA January Meeting Minutes

- The meeting was called to order at 7:00 PM.
- Introductions were made by all members (13) and guests (1) present.
- A 50/50 Raffle was held and the proud winner was Dave Haughton, KD2WAD.
- President Bryan Jackson, W2RBJ made his report:
 - Jackson stated that security cameras were purchased and installed at the former Channel 10 (WTEN) analog tower site that is planned to become the new home for the 147.270 Repeater. Jackson noted that a new, two (2) port repeater controller would be purchased for \$500.00 that could be used for both the 2M repeater and potentially the 220Mhz repeater. Jackson noted that the club was still looking for tower sections and that they wanted either Rohn 25G or 45G but preferred 45G for the antenna. He also noted that the club planned to purchase a 6dB gain, 4-fold dipole antenna from Bob Isby (K2RHI) for \$700.00 that would be used for the VHF repeater on 147.270 mHz.
- Jackson announced that an upcoming VE session is scheduled for Saturday, February 8th at 1:30 PM at the East Greenbush Library and that VE's were needed to facilitate the exams.
- Jackson also announced that the club would participate in the upcoming Winter Field Day on Saturday, January 25th from 12 pm to 6 pm at the RCSAR Headquarters with one station on HF with subs, snacks, and beverages provided for interested participants (see story on page 1).
- Old Business
- No Old Business was discussed.
- New Business
- Gina Pendolino, KC2UJC made a suggestion that the club should consider having a gift basket at the Hamfest for people to drum up sales of raffle tickets. The club agreed it was a good idea.
- Treasurer's Report:
 - Treasurer Peter Brickman, KD2YLG, updated the club's current finances and that no new member applications had been received.
- Following the business portion of the meeting, a presentation on Winter Field Day was made.
- The meeting ended at 8:00 pm

ELECTRONICS - HAM RADIO - COMPUTERS

Flea at RPI

Spring 2025

Saturday, February 1st, 9AM-2PM

Indoor - Rain, snow, or shine.

Rensselaer Union McNeil Room
Sage Ave & 15th St Troy, NY 12180

BUYERS

Student Admission — FREE

Bring your school Photo ID with you!

General Admission — \$6

\$1 discount with event flyer, photocopy, or social media share.

Door Prize - must be present to win!

SELLERS

Tables - 4'x3' Rectangular - email/text to reserve.

Include 1 (ONE) person vendor admission.

Book by {1/21/2025}. \$10 for first table, \$5 per add'l.

Walk-in ... Upon availability. +\$5 surcharge per table.

SPONSORS



Our *2nd* flea market -
Student run.

More tables. More
programs. More fun.

TIME

Seller Setup - 8 AM
Opening - 9 AM
Door Prize Draw - 12 PM
Closing - 2 PM

CONTACT

convention@w2sz.org
Or text to (607) 674-0073

Talk In - 144.950 Simplex

Facebook - @W2SZ.RPI
Instagram - @w2sz_rpi
X/Twitter - @w2sz
Discord - Scan QR Code



Need to Pay Your Club Dues?
It's as easy as www.EGARA.org/pay-dues

New Year... New Gear!
Our Hamfest Sponsors Can Fill Your Wish List!





GEAR FOR SALE

Time to clean out my excess inventory!

- ACOM 1010 Linear Amplifier - 600 Watts pep - can use on 120 or 240 volts - \$1700
- YAESU FT-1200 Transceiver All HF bands /100 Watts pep - \$700 with microphone;
- YAESU FT-950 Transceiver - All HF bands/100 watts pep - \$400 with microphone.
- VIBROPLEX “Bug” semi-automatic key. Original “PRESENTATION” Model with Gold Plated baseplate escutcheon. Heavily chromed upper parts, bright red finger pieces, jeweled bearings. Lists for \$350, sell only \$250, plus postage if shipped. Beautiful wood case.

All equipment is working, clean and in very good condition. Contact Steve / WB2HPR by email at: stevewb2hpr@proton.me



Equipment Cabinet - Dimensions are 14 1/2 deep 21 1/8 wide 19 3/4 high. Make offer.

Contact: Walt, N2WJR at: n2wjr07@gmail.com

- **Classic Hallicrafters SX-130 Receiver.** Freshly overhauled and aligned. Offers a 4 bands covering AM broadcast and shortwave from 1.725 to 31.5 MHz. Also provides for reception of code (CW), voice (AM) and upper and lower single sideband (SSB) signals. \$125.

Contact Bryan at: W2RBJ@Outlook.com

Sell your unused gear with a free ad in Sidebands!

Send details to: W2RBJ@Outlook.com

CALENDAR

February 8, 2025, 1:30 pm - FCC Exam session, East Greenbush Town Library. Applicants should RSVP to: W2RBJ@outlook.com

February 13, 2025, 7 pm - Regular Monthly Club Membership Meeting - Rensselaer Co. Search and Rescue Building

Pro Tip: Did Ya Know?

“77”

Just about every Amateur Operator is familiar with “73” -- meaning “Best Regards”. It’s usually said at the end of a contact to wish a fellow ham best wishes.

But did you know there’s also “77”

It’s shorthand for “Long Live CW” (or Morse Code), and means wishing you many happy CW contacts!



The East Greenbush Amateur Radio Association

Organized in 1998, by Bert Bruins, N2FPJ, (SK) and Chris Linck, N2NEH, the East Greenbush Amateur Radio Association, an ARRL affiliate, is committed to providing emergency services, educational programs, and operating resources to amateur radio operators and residents of the Capital Region of New York State. The club station is W2EGB. The club also has several VHF and UHF repeaters open to club members and the public.