



The Listening Post



Dedicated to Community Service and All Central Florida Hams October 2025

President's Message

Greetings – Happy Fall Y'all!! Well, it is almost fall in Florida. Cooler days are coming up. Take the opportunity and get out in the public, set up a small station, and get on the air! Participate in "Hams in the Park". The weather is about to turn decent for a few months and get out in it and enjoy it.

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OARC MEETING

Wednesday, October 1, 2025, 7:30pm

William Beardall Senior Center

800 South Delaney Avenue, Orlando, Florida 32801

License Exams: 5:30pm

For information & Updates

See www.oarc.org

OARC Board of Directors

President: John Knott, N4JTK

Vice President: Michael Cauley, W4ORL

Treasurer: Ana Groe, KM4JVE

Secretary: Bob Nocero, W4KBW

Directors:

Bob Cumming, W2BZY

James Deuel, N0XIA

Kevin Jackson, AA3XV

Aaron Morrison, AE4KO

Christy Moore, KN4MMDM

Ed Thralls, NE4H

The Listening Post is the OARC newsletter for OARC members. The LP will be posted on the OARC.org web page (oarc.org/club-listening-post).

Editor: Ed Thralls NE4H.

Comments, suggestions, and articles are welcome. Send to editors@oarc.org.

Contributing to this edition: John Knott N4JTK, Michael Cauley, W4ORL, Bob Cumming W2BZY, Aaron Morrison, AE4KO, James Deuel, N0XIA, and Rick Peron KM4KQQ

OARC REPEATERS

Call	Freq	Shift	PL
KB4UT	146.760	-600	103.5
K1AA**	147.015	+600	103.5

** Wires-X Gateway

D-Star

K1XC C*	146.820	-600	
K1XC B	443.275	+5MHz	
K1XC A	1275.00	-12 MHz	Voice
K1XC A	1255.00	Simplex	Digital
W4PLB C*	145.160	+600	
W4PLB B	442.300	+5MHz	

* Linked to reflector REF037C

All D-star repeaters are connected

REF037 is sponsored by OARC

ASK AN ELMER: Where you can ask questions and get respectful answers. Send your questions to: info@oarc.org

President's Message *(Continued from Previous Page)*

Everyone should have received an email from me that I sent out to all the ARRL Affiliated Clubs in the ARRL SE Division. I sent it to our entire membership separately about an upcoming opportunity to meet and ask questions to the four ARRL SE Division Director Candidates in an online forum setting. The deadline to register for this event is September 30. The forum will be held at 7:30pm on October 2nd. This will be online via Zoom. It is limited to hams in the ARRL SE Division. Please register today as time is running out. Check your email, the email was sent to the membership on two different occasions. Perhaps look in your spam folder.

The ARRL is about to or has sent out the ballots for this election. This is a great opportunity to make an informed decision on who you want to represent you in the next Director term. When you register, you will have an opportunity to also submit a question to be asked at the forum. If time permits during the forum, we will also open the floor for questions.

This month's meeting is one more chance to purchase your Christmas Party tickets. The party is on Saturday December 6 at the same location it has been for many years, Knights of Columbus. Doors open at 6PM, dinner at 7pm. We will also be collecting toys for Toys for Tots. So please bring a small, unwrapped toy with you to the dinner. We will also have our annual awards ceremony. There will be plenty of door prizes and not to mention the awesome center pieces that are given out each year. It's always a great time, very festive, and awesome food and desserts.

The Board of Directors has completed revising the club bylaws. I will be presenting them to the membership via email in October. We will supply you with the original set of bylaws approved by the membership years ago. We will also supply you with a copy of the proposed bylaws. We will then provide you with a link to cast your vote in favor of the proposed bylaws or not in favor of the proposed bylaws. You will notice that we did not change the bylaws in their entirety, simply just made some updates to bring our bylaws up to the current time.

I have also sent out via email about an ARRL Nationwide Grassroots campaign to pass the Amateur Radio Emergency Preparedness Act. More information on this effort can be found at <https://www.arrl.org/news/arrl-launches-nationwide-grassroots-campaign-to-pass-amateur-radio-emergency-preparedness-act-1>.

Larry Schnaudigel, KN4LSY, is looking for assistance with the Central Florida Highland Games on January 17 and 18, 2026 in Winter Springs. Primarily you will be extra eyes and ears for the Winter Springs Police Department. Hours are Saturday from 7am until 11pm. Sunday from 7am until 6pm. Shifts will be in 4-hour blocks. For your assistance, time, and effort you will receive free admission, a meal ticket for the day you work, and a parking pass. If you are interested, or would like more information,

please contact Larry directly at kn4lsy.radioscouting@yahoo.com or call him at 407-408-4861.

Are you someone that does digital graphic arts? The club is looking for a club member or someone who is knowledgeable in creating digital graphics for both the club and HamCation. This is a great opportunity for anyone that would like to gain more experience and to build their resume. Are you a student that needs more volunteer hours for school credit? Know someone that fits this description, have them contact me at jknott@oarc.org.

Look forward to seeing you at this month's meeting! Michael Walker VA3MW/KE2EAF of Flex Radio, will be our guest speaker. The topic is "Aurora Overview (An all-new family of HF/6m transceivers)".

73,

John Knott, N4JTK

OARC Christmas Party – December 6, 2025 Tickets On Sale

(By John Knott, N4JTK)



As mentioned in the newsletter, Christmas party tickets will be on sale at the Club Meeting this month and they will still be available at the November meeting. Tickets are \$20.00 each for members and spouse. \$30 each for non-members. If you haven't picked up your tickets and will not be able to make it to one of the next two monthly meetings, you can purchase them online using one of the links below. The tickets will not be mailed to you, but we will add you to our list of attendees.

Members and spouse: https://swipesimple.com/links/lnk_afd94862

Non-members: https://swipesimple.com/links/lnk_58fbbe53

The Christmas party is on Saturday December 6th at the [Knights of Columbus Hall 5727 Cornelia Ave, Orlando 32807](#). Doors open at 6pm, Dinner is served at 7pm. We will be collecting Toys for Tots. Please bring a small, unwrapped toy for the collection.



We are also accepting donations to the dessert tables. Cookies, Brownies, Cakes, Cupcakes, Pies, or any dessert that is your favorite are all welcomed. Please coordinate with Christy by email, cmoore@oarc.org by just sending her a message on what you plan on bringing!

Our Club is Growing – New Members and Birthdays

(By Rick Peron, KM4KQQ, Membership Chairman)



KR4GON Bryce Maschino/General

W4OLE Bruce Carlson/

Birthdays this Month



AE4KO Aaron Morrison
K4LAG Jacob Bates
KB2NGX Atilano Villar
KG4ZOW John Simpson
KK1B Harold Prosser III
KN4LSU William Church
KO4NTA Glenn Davies
KQ4HAM Michael Soucy
KQ4VDG David Porter
KR4CAI Larry Gwaltney
KR4EJB Trey Chandler III
KZ4TQ Gary Van Wagner
W4VXH Derek Brodeur
WR4B Bruce La Pointe

AI4KM Peter Meijers
K4PPZ Jerry Jones
KC8CCR Debbie Forgacs
KJ4G Paul Eakin
KM4NEN Karl Francetic
KN4MDM Christy Moore
KO4QFL Barb Rankin
KQ4UKN Rene Torres
KQ4VWE Keagan Bowman
KR4EIM Cathy Cutler
KR4FLG Chris Brown
W4MEK Michael Kirst
WB8BHL Edward Richter

New ARRL Memberships and ARRL Renewal Memberships

OARC is an ARRL Affiliated Club and can receive a commission for every new ARRL membership and renewal submitted to ARRL Headquarters.

All membership dues are sent to ARRL to be processed, and the club receives a commission payment directly from ARRL. OARC could earn money while promoting the many benefits and programs of ARRL to ensure that amateur radio is protected and continues to be strong.



Pick up an application from Rick Peron, KM4KQQ, at any meeting.

HOW ABOUT YOUR MEMBERSHIP IN OARC?

Thank you for being a part of the Orlando Amateur Radio Club (OARC). Can you believe that it's been such a short time since you first joined or last renewed your club membership? We hope you've been able to enjoy all the benefits of your OARC membership these past months.

RENEW NOW

If you have any questions or suggestions, please don't hesitate to reach out to Rick Peron KM4KQQ at Membership@oarc.org to see how we can meet your needs. We'd love to hear your feedback!

Membership is vital for the survival and continued functioning of the Orlando Amateur Radio Club, a nonprofit organization.

Membership in OARC includes:

- A monthly meeting with educational programs/current information about club activities for the amateur radio hobby,
- Camaraderie with others who enjoy the amateur radio hobby,
- A monthly newsletter with current information on a variety of amateur radio topics,
- Voting rights in annual elections of leadership positions within OARC,
- Connectivity through weekly local radio nets and social media.

By renewing your membership, you will help OARC continue to provide you with local amateur radio support you may need as you grow in the hobby.

Membership renewal is simple. Fill out the membership form found near the end of this newsletter and return to the address listed or bring it with you to the next monthly meeting of OARC and drop it off with the Membership Chairperson.

Expiring 10/30/2025

First Name Last Name/Call

Jacob Bates/K4LAG
Keagan Bowman/KQ4VWE
Edwin Evenson/KI4AGL
Laszlo Patassy/K9LAZ
Jason Penrod/KQ4VWF
John Price/KI4FBO
Jeffery Reyes/N2JRE
Luke Vandervort/KD2HEY

Expiring 11/30/2025

First Name Last Name/Call

Dick Stadler/KO4ULV
May Marquez/KZ4NG
John P Mazzotta/KQ4YHB
Steve Ray/KA6NZU

Expiring 12/30/2025

First Name Last Name/Call

Roger Harr/KQ4ZIK
Michael McNamara/KA0SFV

Volunteer Examiner Report

(by Aaron Morrison, AE4KO / Bob Cumming, W2BZY)

The Orlando Amateur Radio Club VE Team congratulates the following people who earned new or upgrades to their amateur radio licenses during the recent session before the OARC meeting:



EXTRA CLASS*

GENERAL CLASS*

Joshua Beecham/KR4FWS

Bryce Maschino/KR4GON

TECHNICIAN CLASS **

* Congratulate these hams on their upgrades and listen for them in the new bands/frequencies they now have privileges to use.

** Listen for these new hams to "get on the air" once their license is in the database. Be sure to welcome them to a wonderful hobby and a whole new world!

The Orlando Amateur Radio Club holds a Ham Radio License Exam Session the first Wednesday of each month just prior to our club meeting. Testing begins at 5:30pm. You can always check out our website at OARC.org for the latest information.

The Volunteer Examiners for this session included:

AE4KO Aaron Morrison	W2BZY Bob Cumming	KT3S Den Ardinger	N4UMB Joe Patti
WD4ORM George Markward	W4VBK Rod Cavin	NE4H Ed Thralls	WR4RW Rich Wilson
2KIQ Paul Kronenwetter	WY1E Michael Kooiman		

OARC Meetings and Events 2025

Important Meeting Information

September 3, Wednesday	License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: Power, Current, Voltage, and Resistance (PIER) Review Method of Circuit Analysis By: Eric Nichols, KL7AJ
October 1, Wednesday	License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: Aurora Overview (An all-new family of HF/6m transceivers by Flex Radio) By: Mike Walker, VA3MW
November 5, Wednesday	License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: Building an Off-Grid Remote Ham Radio Site By: Bruce Perens, K6BP
December 6, Saturday	Holiday Party

ASK AN ELMER

Where you can ask questions and get respectful answers.
 Send your questions to: info@oarc.org

Hams in the Park : August 9th

(by Stephen Derosa KQ4RUB, Stephen KQ4RUB and John-Paul Craig, KZ4JW)

Our August "HAMs in the Park" event was held at Big Tree Park, which provided plenty of trees and pavilions for shade and space for the six attendees. We had a few parkgoers and cyclists stop by to see what amateur radio was about. We were active on SSB and digital. Here is a video of the event:

<https://youtu.be/KVa0K6cRBGE?si=-PAriORom8XptKVj>

JC McCormick (NT4K) and Jim Sippel (KQ4KJB) took turns working the 20-meter band. They were able to hunt a few parks including one in Washington D.C. They also enjoyed some good conversation about airplanes.

Nick Foster (K4UBB) and Ray Walker (KO4JTA) took time to set up new antennas and test them out. Nick was able to make a few 20-meter contacts on 8 watts with his antenna. Ray made a few 20-meter and 40-meter contacts on his set up.

Ray Dionne (KR4FMK), a new HAM, made a few contacts using a laptop and Echolink. He made his first ever contact the night before using Echolink as well, congratulations Ray!

Stephen DeRosa (KQ4RUB) used both D-Star and Echolink to make a few contacts throughout the morning.

Everyone had a great time playing radio, testing antennas, and having great conversations!

Our next "HAMs in the Park" will be held at Blue Jacket Park on September 6th. This will make it a great day to use your newly acquired gear from the LMARS auction held on September 4th. Full details are here: <https://www.lmars.org/annual-events/hams-in-the-park-bj>

We look forward to seeing you there!

K4KDI FALL TAILGATE 2025

Florida's **BEST FREE** Tailgate

Saturday November 22, 2025 6 am - 12 noon

South Conway Road Baptist Church

6099 S. Conway Road Orlando, FL 32812

NO CHARGE FOR: admission, parking, tailgating

New, Used, Parts, All kinds of Radio Equipment!

Pick Your Own Spot(s). Come Early For Shade.

Bring your own tables, chairs, drinks, & snacks.

For additional info:

Contact Jack K4KDI (407) 443-1963



NO OVERNIGHT PARKING OR CAMPING

Donations Appreciated

ARRL Launches Nationwide Grassroots Campaign to Pass Amateur Radio Emergency Preparedness Act

(The ARRL Letter for September 18, 2025)

ARRL has launched a nationwide grassroots campaign aimed at securing the passage of federal legislation that would grant Amateur Radio Operators the same rights to install antennas on their property as those enjoyed by users of TV antennas, wireless internet, and flagpoles.

The campaign, announced in an [ARRL Member Bulletin](#) on September 17, 2025, follows the reintroduction of the Amateur Radio Emergency Preparedness Act in February 2025 (see [ARRL News 02/07/2025](#)). The bipartisan bills -- [H.R.1094](#) in the House and [S.459](#) in the Senate -- are designed to prevent restrictive homeowners' association (HOA) rules that currently prohibit or severely limit the installation of amateur radio antennas, even when such antennas are hidden in trees, placed in attics, mounted on vehicles, or look like flagpoles.

"This legislation is about restoring equal rights to licensed Amateur Radio operators," said ARRL President Rick Roderick. **"These restrictions hinder not only the enjoyment of Amateur Radio, but also its vital role in emergency communication during disasters."**

Public Support Needed for Passage

To advance the legislation, ARRL is calling on its members and all licensees of the US Amateur Radio Service to take action by sending letters to their congressional representatives. Through a dedicated online tool at <https://www.arrl.org/HOA>, hams can easily generate and submit pre-drafted letters with a few clicks.

**Go to – <https://www.arrl.org/HOA>
– and help us by sending your letters to your Representative and Senators.**

ARRL has emphasized that every letter matters. "Your Representative and Senators need to know that the passage of this legislation is important to you."

For more information about the ARRL grassroots campaign to pass the bill, please visit www.arrl.org/current-legislation.

You Can Help Us Change the Legal Rights of American Hams

(The ARRL Member Bulletin of September 17, 2025)

The ARRL is focused on reducing legal restraints on the ability of American Amateur Radio Operators to engage in the active practice and enjoyment of Amateur Radio.

One of the most insidious and increasing threats to the survival of Amateur Radio and our ability to serve our communities and Nation, as we are required to do by Federal regulation, is the proliferation of private land use restrictions that prohibit the installation of outdoor antennas and that sometimes actually deny Federally licensed Amateurs from operating any amateur radios, regardless of where their antennas are located — in their attics, hidden in trees, or mounted on their vehicles.

Federal law — since 1996 — has guaranteed to every American — except Amateur Radio Operators — the right to erect antennas outside or on their residences for the purpose of TV reception, satellite TV and internet access, wireless internet access, and even wireless internet redistribution. But Amateur Radio operators are denied the equal right to erect comparable antennas.

Since 2005, Federal law has also guaranteed to every American the right to proudly display the American Flag by installing flagpoles in their yards. But, despite that right to install vertical poles in their yards — American Radio Amateurs are denied the right to use those vertical flagpoles as vertical antennas.

We believe the denial — to licensed Amateur Radio Operators — of the rights guaranteed to all non-Amateur Radio licensed American homeowners — the right to install antennas on the land they own — is without justification and should not be permitted to continue.

To eliminate these private land use restrictions, the ARRL has worked over the past several years with our elected officials to draft Congressional

legislation — H.R. 1094 in the U.S. House of Representatives and S. 459 in the U.S. Senate — that, when passed will extend to all Hams the right to operate from their homes and the right to install antennas on the land they own. We have bipartisan support for this legislation.

BUT, WE NEED YOUR HELP TO PASS THIS LEGISLATION!!!

How can you help? By sending a letter to your Representative and Senators asking that they co-sponsor and support H.R. 1094 and S. 459.

How can you send these letters? It is easy.

Go to — <https://send-a-letter.org/hoa/> — enter your call sign and click on “Send My Letters” and your letters will be delivered to our Washington legislative team for hand delivery to your Representative and Senators.

National Preparedness Month: 12 Ways to Prepare

(The ARRL Letter for September 4, 2025)

September is [National Preparedness Month](#), and ARRL is working to arm members with knowledge and resources to be resilient in the face of disaster. Amateur radio serves as a powerful tool and national resource before and [When All Else Fails®](#), but being prepared goes beyond radio. “Being ready to serve your community through ham radio begins with being ready yourself,” says ARRL Director of Emergency Management Josh Johnston, KE5MHV. Johnston spent 17 years as a county emergency manager before coming to lead programs such as the ARRL Amateur Radio Emergency Service® (ARES®). “Having a plan and preparing yourself will improve your chances of being resilient in the face of disaster.”

ARES works closely with the Federal Emergency Management Agency (FEMA), which has shared this checklist of [12 ways to prepare](#) [PDF]:



12 WAYS TO PREPARE

<input type="checkbox"/>  Sign up for Alerts and Warnings	<input type="checkbox"/>  Make a Plan	<input type="checkbox"/>  Save for a Rainy Day	<input type="checkbox"/>  Practice Emergency Drills	<input type="checkbox"/>  Test Family Communication Plan	<input type="checkbox"/>  Safeguard Documents
<input type="checkbox"/>  Plan with Neighbors	<input type="checkbox"/>  Make Your Home Safer	<input type="checkbox"/>  Know Evacuation Routes	<input type="checkbox"/>  Assemble or Update Supplies	<input type="checkbox"/>  Get Involved in Your Community	<input type="checkbox"/>  Document and Insure Property

You can find more information and resources at www.ready.gov/september and at www.arrrl.org/ares

Amateur Radio Serves During New England Tornadoes

(The ARRL Letter for September 11, 2025)

Amateur radio volunteers serving in the [ARRL Amateur Radio Emergency Service®](http://www.arrrl.org/ares) (ARES®) and the National Weather Service SKYWARN® program were active over the weekend. They were serving their communities in New England as tornado-warned storms moved across New York, Connecticut, and Massachusetts. Five EF1 tornadoes struck the central Massachusetts communities of Paxton, Holden, Berlin and Stow.

A squall line of severe thunderstorms that would eventually have embedded tornadoes in central Massachusetts swept across the region. SKYWARN nets activated on repeaters across the area. Reports came in rapidly of downed trees and wires, as well as hail up to ¾" in diameter in western Massachusetts, with radio amateurs sharing critical damage reports from this area. In addition, reports of damage were received in all of the tornado path areas in near real time and were shared with the National Weather Service, Boston / Norton Weather Forecast Office, [WX1BOX](http://www.wx1box.com), amateur radio team direct via repeaters, using various applications, email, social media that the amateur radio team utilizes.

“It had been a below normal 2025 severe weather season with only one large-scale severe weather event [in July] across Rhode Island and southeastern Massachusetts,” said Rob Macedo, KD1CY, ARRL Eastern Massachusetts Section Emergency Coordinator and SKYWARN Coordinator. “That all changed on September 6th.”

Southern New England averages 2 tornadoes per year. The 6 states of New England average 8 tornadoes per year and there had been none in 2025 until Saturday, 9/6, when 2/3 of the average yearly total occurred. This outbreak also put southern New England above average for tornadoes in the 2025 season.

All active SKYWARN nets were secured around 6:30 PM Saturday. Andrew Loconto, Lead Meteorologist NWS Norton MA, commented, “Thanks to the entire team for all the reports today!” A complete summary of the severe weather in southern New England can be seen on the [WX1BOX web site](#).

National Preparedness Month – Ham Radio Supply List

(The ARRL Letter for September 11, 2025)

As the tornadoes that struck Massachusetts on September 6, 2025, demonstrate, you need to be ready for an emergency ahead of time. Radio amateurs were able to serve their communities and the National Weather Service because they were prepared.

The Federal Emergency Management Agency has released [a list of supplies](#) [PDF] to keep in an emergency supply kit, which includes things like food, water, medications, a first aid kit, and other useful items – but hams may want to take it a step further.



Recommended Items to Include in a Basic Emergency Supply Kit:

- Water and non-perishable food for several days**
- Extra cell phone battery or charger**
- Battery-powered or hand crank radio that can receive NOAA Weather Radio tone alerts and extra batteries**
- Flashlight and extra batteries**
- First aid kit**
- Whistle to signal for help**
- Dust mask, to help filter contaminated air and plastic sheeting and duct tape to shelter-in-place**
- Moist towelettes, garbage bags and plastic ties for personal sanitation**
- Non-sparking wrench or pliers to turn off utilities**
- Can opener (if kit contains canned food)**
- Local maps**

ARRL Director of Emergency Management Josh Johnston, KE5MHV, says hams should make sure their stations are resilient. "Have a battery backup, or alternate means of power. The grid may go down. Make sure all your antennas are functional and that you have backups in case they are damaged. It may be a good idea to keep a few baluns and some spools of wire to quickly erect wire antennas, if needed," he said.

In addition to having these items, Johnston says to test and exercise the equipment throughout the year. "Consider getting your emergency gear out and doing a

shakedown of it during a Parks on the Air operation – it puts your station to the test, gets you active on the air, and can be a fun activity done year-round.”

Find more information about resilience and preparedness through amateur radio at www.arrl.org/ares.

Northeast HamXposition (“HamX”) Draws Crowds

(The ARRL Letter for September 4, 2025)

By ARRL New England Division Vice Director Phil Temples, K9HI

The Northeast HamXposition (“HamX”) — hosting the ARRL New England Division Convention — held on August 21 - 24, 2025, was a resounding success. The weather for the Marlborough, Massachusetts event was picture-perfect, the flea market was buzzing with sales, and major equipment manufacturers were back, along with other vendors inside the bustling exhibition area.

According to HamX Program Chair Skip Youngberg, K1NKR, “This year’s four-day program featured 72 presenters who gave 82 talks and four workshops spanning over 101 hours.”

Topics included everything from antennas and EmComm vans and trailers on display, to on-air activities such as POTA, contesting, and DX. There was even a special technical talk entitled “Demystifying Quantum Computing: Application of RF Control System.”

HamXposition kicked off on Thursday night, featuring nationally-known comedian Juston McKinney. On Friday, full-length educational seminars were held, including the ever-popular mini-Contest University. Twenty convention-goers went on a bus tour of W1AW, the Hiram Percy Maxim Memorial Station, and ARRL Headquarters in Newington, Connecticut.

The Friday evening DX/Contest banquet talk was presented by well-known multi-multi station owner Tim Duffy, K3LR, CEO of DX Engineering.

On Saturday morning, popular QRP YouTube podcaster and influencer Thomas Witherspoon, K4SWL, gave an inspirational convention keynote address to a standing-room-only crowd.

The Saturday Grand Banquet featured Dr. Nathaniel Frissell, W2NAF, from the University of Scranton. Frissell is the founder of Ham Radio Science Citizen Investigation (HamSCI). He shared with the audience descriptions of cutting-edge experiments conducted by ordinary radio amateurs who are helping to advance the knowledge of propagation and the Earth’s ionosphere.

Dozens of youth members of New England Sci-Tech, a nearby STEM/makerspace, attended throughout the weekend and at the two evening banquets. "Having young hams in the middle of the action... and running a number of presentations demonstrated the spirit of the future leaders in our hobby," said Volunteer Chair Barbara Irby, KC1KGS.

HamX also featured kit-building sessions led by Bob Phinney, K5TEC, and other volunteers. Under supervision, beginners were invited to build easy kits for a nominal cost in under an hour, ranging from Morse code oscillators to blinking name badges and night lights. All tools were provided. The kits were developed by students from New England Sci-Tech.

See more of this story on the [ARRL New England Division website](#).

Ham YouTubers Boost ARRL Teachers Institute

(The ARRL Letter for September 4, 2025)

The [ARRL Teachers Institute on Wireless Technology](#) is getting a boost, courtesy of the ham radio community on YouTube. A group of the content creators gathered for a cookout at this year's Huntsville Hamfest and raised \$6425 for the program. "We have a tremendous amount of support from the YouTubers," said ARRL Education and Learning Manager Steve Goodgame, K5ATA. "They're on track to raise and donate \$50,000 for TI this year."

The support flows through the [ARRL Education and Technology Fund](#), which makes the program possible.

A tweet from Kyle Kreig, AAØZ, announced the gift.

ARRL Lab Helps Radio Amateurs Avoid Interfering With US Space Force Radar

(The ARRL Letter for September 4, 2025)

US Space Command headquarters is being moved to Huntsville, Alabama, known as "Rocket City USA." The move was announced in a press conference on September 2, 2025. Huntsville will host the 2026 ARRL National Convention as part of the Huntsville Hamfest, but there's a bigger connection between US Space Command and amateur radio.

Space Command utilizes forces such as the US Space Force to accomplish its command mission. The ARRL Lab supports the US Space Force's Phased Array

Warning System (PAVE PAWS) early warning radar installations which scan the skies for incoming missiles and space junk.

Since 2007, the ARRL Lab has been conducting this crucial analysis using Longley-Rice terrain modeling to determine if an amateur fixed station, repeater, or EME station is eligible for a waiver to be granted by the military to run more than the 50 watts of RF power on the 70-centimeter band currently allowed with a 100-mile radius of either the Cape Cod Air Force Station in Massachusetts, or Beale Air Force Base in California. "We want to ensure that amateurs can exercise as many operating privileges as possible, while understanding the need for the Space Force to operate without interference," said ARRL Lab Manager George Spatta, W1GKS.

The reports provided to the Space Force advise a "cone of protection" in azimuth and elevation at which the amateur would be limited to a power level which would not interfere with the radar.

Amateurs are secondary users on the 70-centimeter band and the ARRL Lab's cooperation with the military helps ensure we do not interfere with this vital function of our nation's security. As of this writing, the Lab is conducting this analysis for two different waiver requests. "It is an important part of the work we do to serve radio amateurs," said Spatta.

Team USA Earns Medals at ARDF World Championships in Lithuania

(The ARRL Letter for September 4, 2025)

By Charles E. Scharlau, NZØI, USA ARDF Co-coordinator

Team USA brought home both individual and team medals from the 22nd World Championships of Amateur Radio Direction Finding (ARDF), held August 16 – 22, 2025, in Birštonas, Lithuania.

ARDF, also known as radio orienteering, combines radio direction-finding with on-foot map-and-compass navigation. Using a handheld receiver with a directional antenna, a map, and a compass, competitors search for "foxes" (transmitters) in forest terrain, racing to locate them in the shortest time.

The USA delegation numbered 19 competitors, who represented the country across multiple age categories. Overall, the championships featured over 300 athletes from 25 nations, a strong showing on the international ARDF stage.

The highlight for Team USA came in the classic 80-meter event, in which Nadia Scharlau, KO4ADV, of North Carolina, was awarded an individual silver medal in the W55 (women ages 55–64) category. Her strong performance also anchored the USA W55 team, which earned the team bronze medal. The W55 team was rounded out by

Maria Burrus and Alla Mezhevaya, who also received team medals. At the world championships, team scoring is based on the two best individual results from a nation's competitors in each age category; teams may include two to three athletes.

Several U.S. athletes competed at a world championship for the first time, including Maria Burrus (W45); Rose Ganim, W1RBG (W45); Andrew Meyer (M21); Matt Craig, KM8WBC (M50), and Roland Woodward, KC9YQT (M50). Except for Burrus and Craig, each was introduced to the sport at the 2024 USA Championships in Michigan — demonstrating rapid progression from novices to international competitors in under a year.

Other notable U.S. competitors included Erin Hammer (W35); Natalia Leoni (W45); Ruth Bromer, WB4QZG (W65); Gheorghe Fala (M21); Eduard Nasybulin (M40); Alexander Myachin (M50); Evgeny Danilov, KQ4QYZ (M60); William Wright, WB6CMD (M60); Nicolai Mejevoi (M60); Ian Shields (M70), and Joseph Huberman, K5JGH (M70).

For full results of the 22nd ARDF World Championships, see ardf.darc.de/contest/25081721/25081721.htm.

For more on ARDF and how to get involved, visit the ARRL Radio Orienteering webpage: www.arrl.org/ardf.

NI6BB Will Celebrate the U.S. Navy's 250th Birthday

(The ARRL Letter for September 11, 2025)

The Battleship Iowa Amateur Radio Association's (BIARA) NI6BB will celebrate the U.S. Navy's 250th birthday with radio operations from October 4 - 19, 2025. Frequencies will be on or near those listed on the front page of BIARA.ORG | Battleship Iowa Amateur Radio Association. Modes will be at the discretion of the individual control operators manning NI6BB. Operating hours are expected to be between 1400 and 2400 UTC (0700 and 1700 local Pacific Time). QSLs will be available per the detailed instructions found on the website. For additional information, please contact w6hb@biara.org.

CQ DX

MY LIFELONG ADDICTION TO HAM RADIO

CQDX MY LIFELONG ADDICTION TO HAM RADIO

I was 12 years old when I first read *The Hardy Boys' Short-Wave Mystery*—the book that inspired me to earn my Ham Radio license and pursue a merit badge in the Boy Scouts. More than fifty years later, I'm still driven by the same thrill of making that rare, elusive contact from one of the seven continents.

Ron Brandon's book brought me right back to the chase—the intensity, patience, fatigue, diligence, and ultimate reward of the DX hunt. It's that experience that keeps Ham Radio alive and relevant in the 21st century. Ron's journey to becoming one of the top DXers in the world is not only impressive, it's a ride worth taking—and his book lets you sit in the operator's chair right beside him.

Jim Davis, W2JKD
"Elmer"—Vero Beach Amateur Radio Club



Ham Radio Operator W6RGG Making Contacts as B5TH From Remote Scarborough Reef In The South China Sea

Ron Brandon

Ron Brandon
n4ah

Press Release Sep 17, 2025

CQ DX My Lifelong Addiction to Ham Radio

Author: Ron Brandon N4AH

Amazon link: <https://amazon.com/dp/B0FRF5W9MX>

Contact: n4ah@aol.com

CQ DX My Lifelong Addiction to Ham Radio chronicles a remarkable journey through the world of amateur radio, beginning with a youthful passion sparked in high school in 1954. The narrative captures the lifelong learning, technical mastery, and sheer excitement that come with progressing from the basics of licensing to the specialized art of DXing—the relentless pursuit of distant and elusive radio contacts. Readers are drawn into the personal evolution of a ham operator, from the first trembling transmissions as a teenager to the confident and seasoned chaser of signals from distant lands and rare islands.

The book is rich with vibrant anecdotes and pictures of memorable DX contacts, including the thrill of a fleeting call sign from a locale halfway around the world, to the satisfaction of confirming those elusive contacts through colorful QSL cards. Each card is a tangible piece of history, a testament to perseverance and a network that transcends borders and languages. Alongside these stories are the coveted awards earned over decades, each marking a milestone in a relentless personal quest—a visual and emotional logbook of achievement and connection in the author's collection.

The culmination of the lifelong chase is the triumphant connection with BS7H on Scarborough Reef, one of the rarest and most challenging entities in the DX world. Set on a remote group of rocks in the South China Sea, Scarborough Reef operations are notoriously difficult due to political, geographic, and technical challenges. This singular contact represents not just the culmination of 53 years of skill, patience, and tenacity, but also the spirit of ham radio, and to share in a global community built on curiosity and goodwill.

CQ DX My Lifelong Addiction to Ham Radio is more than a memoir; it is a tribute to the enduring allure of the hobby, a window into the world of amateur radio's unsung adventurers, and an inspiration for anyone captivated by the romance of exploration—whether by airwaves or otherwise. Ron's book invites readers not just to witness, but to feel the pulse and nostalgia of a life spent tuning into the whole wide world.

Hams Needed to Track NASA Moon Mission

(The ARRL Letter for September 25, 2025)

The National Aeronautics and Space Administration (NASA) is seeking volunteers to passively track the 2026 [Artemis II Orion spacecraft as the crewed mission travels to the Moon and back to Earth](#).

The Artemis II test flight will send NASA astronauts Reid Wiseman, KF5LKT; Victor Glover, KI5BKC; and Christina Koch, along with Canadian Space Agency (CSA) astronaut Jeremy Hansen, KF5LKU, on an approximately 10-day mission around the Moon.

Targeted for no later than April 2026, the mission will rely on NASA's Near Space Network and Deep Space Network for primary communications and tracking support throughout its launch, orbit, and reentry. However, with a growing focus on commercialization, NASA wants to further understand industry's tracking capabilities.

This collaboration opportunity builds upon a previous request released by NASA's Space Communication and Navigation Program (SCaN) during the Artemis I mission in 2022. Ten volunteers successfully tracked the uncrewed Orion spacecraft on its journey thousands of miles beyond the Moon and back.

One of those volunteers tracking in 2022 was Scott Chapman, K4KDR, of Montpelier, Virginia. "Sometimes it's what you don't know that makes this kind of activity interesting," said Chapman. "All I had was a small S-band dish and receiver and wasn't sure what I could or couldn't hear...but when I started hearing the signals...it made everything worth it."

Chapman said he felt good about the whole process and, while it was interesting, it was also a lot of fun!

There were also other participants during the Artemis I mission, including international space agencies, academic institutions, commercial companies, nonprofits, and private citizens who were also attempting to receive Orion's signals. Chapman added that NASA is also looking for commercial partnerships to share in the process.

If you're interested in volunteering for next year's event, all of the information can be found at [SAM.gov](https://sam.gov). The response deadline is October 27, 2025, at 5:00 PM EDT.

Amateur Radio in the News **(The ARRL Letter for September 4, 11, 18, 25, 2025)**

ARRL Public Information Officers, Coordinators, and many other member-volunteers help keep amateur radio and ARRL [in the news](#).

["Local wins national recognition for amateur radio public relations"](#) / Tehachapi New (California) September 1, 2025 -- *The Tehachapi Amateur Radio Association is an ARRL Affiliated Club*

["This device is essential for Hurricane preparedness"](#) / KHON2 (Hawaii) September 6, 2025 -- ARRL Pacific Section.

["Officials enlist amateur radio operators as critical backup for extreme weather planning: 'When the lights go out, we can keep going'"](#) Yahoo News (Canada) September 6, 2025 -- Radio Amateurs of Canada.

["A century of "hamming" it up | Ham radio hobby alive and well in Findlay"](#) WTOL (Ohio) September 7, 2025 -- *The Findlay Ham Radio Club is an ARRL Affiliated Club.*

["A not-so-close encounter: Local amateur radio enthusiast makes contact with International Space Station"](#) / The Union (California) September 8, 2024 -- Grass Valley resident Cal McKittrick

["Ham Radio Club Invites Wildfire Survivors to Rebuild Stations With Donated Gear"](#) LA Times.com (California) September 19, 2025 -- The San Fernando Valley Amateur Radio Club.

["Hackathon V – A cyber and computer challenge event for young people"](#) / United States Army September 23, 2025 -- The 780th Military Intelligence Brigade (Cyber) and the Maryland Mobileers Amateur Radio Club.

["Georgia teen radio operator becomes lifeline during Hurricane Helene"](#) / WZDX (Alabama) September 25, 2025 -- Amateur Radio Emergency Service®.

Swap/Shop/Sell/Trade in *The Listening Post*

**Contact Fred Fitte, NF2F, fredfittee@aol.com
Mt. Dora
Cell Phone: (518) 857-0701**

All items are from the estate of Ray McConnel (WA3YMZ).
All items work as they should and are located at the QTH

Item Number	Item	Asking Price
1	Kenwood 590	\$850.00
2	Collins 30L1	\$700.00
3	LDG Z100 tuner	\$100.00
4	MFJ 704	\$50.00
5	Ameritron AWM 35	\$125.00
6	Icom IC 7000 HF-VHF Mobile	\$700.00
7	Drake W4 Wattmeter	\$75.00
8	GC Elect. Wattmeter	\$50.00
9	D 104 mic (8 pin)	\$75.00
10	MFJ 1924 (screwdriver antenna controller)	\$60.00

11	Simpson 260 volt meter	\$225.00
12	MFJ 292 Lapel Mic with Earbud for Handheld	\$5.00
13	Heil Headset (Traveler for Kenwood)	\$50.00
14	Pro AM D270	\$25.00
15	Comet Duplexer CF 706 HF-VHF	\$50.00
16	Little Tarheel II screwdriver antenna with mount	\$250.00
17	MFJ Versa Tuner MFJ 901b	\$40.00
18	Yaesu VX 5 dual band portable	\$75.00
19	Alinco DJ 580	\$50.00
20	5 Element UHF Yagi	\$50.00
21	Diamond SG7500 mobile antenna	\$5.00
22	Icom MB62 Mounting Bracket (new)	\$10.00
23	Tripp Lite 40 Amp Power Supply	\$75.00
24	Kenwood TM-V7 dual band mobile	\$175.00

Send your items to be posted to James Deuel, N0XIA (jdeuel@oarc.org) before the 20th of the month. All lists received after the 20th of the month may be held over until the following month. The items will appear in The Listening Post newsletter around the first of each month and will continue to be posted for three months. To make it easy, send listings in this format:

Name, Callsign, Contact information (phone number and/or e-mail address)

Item #1: (Description)

Asking price: \$

additional comments

Item #2: (Description)

Asking price: \$

additional comments

Or

Looking for (description) and willing to pay up to \$

EXAMPLE:

Ima Ham, WX4XYZ, Ham@gmail.com

Item#1: Looking for hand microphone for Kenwood TS-520 transceiver

Willing to pay up to \$25, including shipping

Remember - KB4UT, Wayne Nelson's Trader Net held every Tuesday night at 8:00 PM, on the KB4UT 146.760 repeater.

If you don't hear what you want on the net, check The Listening Post.

The Fine Print: Listings must be of a non-commercial nature. Pictures of the items should not be included in the email listing but the member offering the items might have them available for anyone who may be interested. OARC will not be responsible for any claims that are made in the postings and reserves the right to reject a submitted item if the item is deemed to be inappropriate.

Local Area Amateur Radio Club Contact Information

Club Name	When	Where	Contact
Orlando Amateur Radio Club (OARC)	1 st Wednesday of the month at 7:30pm License Testing at 5:30pm	Beardall Senior Center 800 S. Delaney, Orlando, FL	Bob Nocero, W4KBW at info@oarc.org
Lake Monroe Amateur Radio Society	1 st Thursday of each month at 7:00pm	Winter Springs Civic Center - 400 North Edgemon Avenue, Winter Springs, FL	Joe Marsh, KQ4AID at LMARS.ARC@gmail.com
Bahia Shriners Amateur Radio Unit	2 nd Wednesday of the month	Perkins Restaurant 215 W. SR 436 Altamonte Springs	Rod Cavin, W4VBK w4vbk@arrl.net
Quarter Century Wireless Club (QCWA)	2 nd Thursday of the month	Perkins Restaurant 701 E SR 434, Winter Springs, FL (1 blk east of HRO)	Roberta Cohen, WA2FRW at Wa2frw@aol.com
Bill Church-and-Christy Moore-CERT Team 62	4 th Thursday of the month at 6:00pm	Recreation Hall, 3000 Clarcona Rd., Apopka FL	Christy Moore, KN4MDM (407) 921-9555
Osceola County ARES	Last Monday of the month at 6:00pm	Osceola County EOC, 2586 Partin Settlement Rd, Kissimmee, FL	Kq4afy@osceolacountares.org
Central Florida Repeater Association (CFRA)	Last Wednesday of each month Arrive around 6pm for some food and chat. Meeting starts about 7:00pm	Perkins Restaurant 6425 University Blvd, Winter Park, FL	Bob Nocero, W4KBW at W4kbw@cfl.rr.com
Solavita Radio Club	Last Thursday of the month at 7:00pm	Gator Room, Solivita, 404 Village, Dr, Poinciana, FL	operator@kq4afy.xyz
Radio Scouting WB4SA	Annual meetings, Quarterly events	Camp La Noche, 41940 Boy Scout Rd, Paisley, FL	Ken Lyons, KN4MDJ kn4mdj@gmail.com info@RadioScouting.us



Weekly Radio Networks

Mon @ 19:15	147.285 MHz	Seminole VHF Traffic Net - Except - First Monday of the month (147.555 Simplex)
Mon @ 20:00	147.090 MHz	Seminole ARES Net - Except - First Monday of the month (146.460 Simplex)
Tues @ 19:00	145.350 MHz	Osceola ARES Net
Tues @ 19:30	147.195 MHz	Quarter Century Wireless Association
Tues @ 20:00	146.760 MHz	Wayne Nelson Trader's Net
Wed @ 19:00	147.300 MHz	Disney Emergency Amateur Radio Service
Wed @ 21:00	432.090 MHz	Florida Weak Signal Group
Thur @ 19:00	443.050 MHz	Orange County ARES Net
Thur @ 20:30	432.090 MHz	Florida Weak Signal Group

Propagation Beacons

([Florida Weak Signals Society - W4FWS](#))

Frequency	Power (Watts)	Antenna	Location
144.277 MHz	20	Horizontal Loop	EL98HN
222.056 MHz	10	Horizontal Loop	EL98HN
432.307 MHz	20	Horizontal Loop	EL98HN
902.400 MHz	4	Egg Beater	EL98HN
1296.025 MHz	25	Egg Beater	EL98HN
2304.050 MHz	12	Egg Beater	EM80MI (A)
3400.1xx MHz	6	Alford Slot	EL98HN (A)
5760.120 MHz	8	Wave Guide Slot	EL98HN
10368.015 MHz	3	Wave Guide Slot	EL98HN
24192.035 MHz	0.150	Wave Guide Slot	EL98HN

(A) Off the Air / Under Construction

Antennas are horizontally polarized and reasonably omnidirectional

Information current as of March 4, 2025

For more information, contact the [Florida Weak Signal Society](#).



OARC Membership Application

Make checks payable to:
Orlando Amateur Radio Club

Mail to:
Orlando Amateur Radio Club
3208 E. Colonial Dr. PMB 168
Orlando, FL 32803

To have your membership card mailed to you, please include a SASE with your check.

Date: ___/___/20___ [] Regular Member [] Family Member [] Associate Member
[] New Membership [] Renewal [] CMP

Name: _____ Call _____ Class _____

Address: _____

City _____ State _____ Zip _____

E-mail Address (print) _____

(Home) Phone: _____ (Cell) Phone _____ Birth Month _____

Rates: Regular [] 1 year \$15.00 [] 3 years \$40.00 [] 6 years \$75.00

Rates: Family [] 1 year \$5.00 per family member Husband, Wife or Child under 18

Rates: Associate [] 1 year \$15.00 Dues Total: _____

All Membership(s) will expire ONE, THREE or SIX year(s) from date paid.

Other Club Affiliations: _____

Are you an ARRL Member: [] Yes [] No

Name Badges: White letters on Black background with Gold embossed OARC logo.

[] Regular 3" x 1.5" @ \$10.00 each

Name: _____ Call _____

All badges are to be picked up at the General meeting or add \$5.00 for shipping & handling.

Shipping & Handling: [] Yes [] No

Badges _____ **S&H** _____ **Total** _____



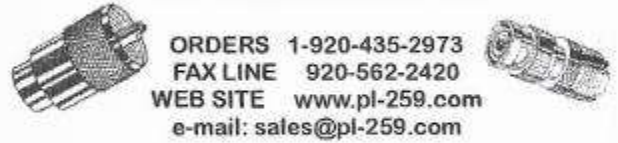
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