



The Listening Post



Dedicated to Community Service and All Central Florida Hams March 2026

President's Message

Greetings - I hope everyone is doing well. Coming up in April is our annual elections. All board positions are up for elections, including the addition of a 7th Director, per our bylaws voted on toward the end of last year.

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OARC MEETING

Wednesday, March 4, 2026, 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:

1. Bob Cumming, W2BZY
2. James Deuel, NØXIA
3. Ed Thralls, NE4H
4. Christy Moore, KN4MDM
5. Kevin Jackson, AA3XV
6. Aaron Morrison, AE4KO
7. TBD

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, NØXIA, 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)*

But first, to start this process, nominations must happen first, this month. If you are interested in running for an Officer or Director position, you can either email our Nominations Chair, Ken Lyons, KN4MDJ at nominations@oarc.org or you can tell him in person at the March meeting, before nominations are closed at the end of the meeting. Be sure to specify what position you are running for!

The following positions up for Elections are: President, Vice President, Secretary, Treasurer, and 7 Directors. Please see below for more information on who is eligible to run for an officer or director position and what the jobs entail.

I feel it is important to understand upfront that each position on the Board is a working position. Each person will have a job to do that requires availability and a commitment.

Duties:

President. *The President shall be responsible for the coordination and supervision of the work of the other Officers and any employees, agents, professional advisors, and consultants. The President may sign, execute, and deliver on the name of the corporation all deeds, mortgages, bonds, contracts and other instruments when specifically authorized by the Board, except in cases where items are expressly delegated by these By-Laws or the Board to some other Officer or agent. The President may perform such other duties as may be assigned by the agent. The President may perform such other duties as may be assigned by the Board. Unless otherwise provided by the Board or these By-Laws, The President shall preside, when present, at all meetings.*

The President shall appoint a Property Manager and a Repeater Manager each having duties as defined in ARTICLE VIII.

Vice President. *The Vice President shall perform such duties as may be assigned by the Board or the President. In the absence of the President, or in the event of death of the President, inability or refusal to act, shall perform all duties of the President, and when so acting, shall have all of the powers of and be subject to all of the restrictions of the President as set forth in these By-Laws.*

Secretary. *The Secretary shall keep the minutes of all meetings, see that notices are duly given as required by law or these By-Laws, and be the custodian of the corporate records. The Secretary shall see that the books, reports, statements and all other documents and records required by law are properly kept and filed and kept available to the Board on request.*

Treasurer. *The Treasurer shall have charge and custody of and be responsible for all funds, securities, notes, contracts, deeds, and other indices of title and valuable assets of the Corporation. The Treasurer shall receive and give receipt for monies payable to the Corporation and deposit all monies in such depositories as shall be selected by the Board. The Treasurer shall cause such funds to be dispersed by check or draft, as the Board may require, and be responsible for the accuracy of the amounts of, and cause to be preserved proper vouchers for, all monies disbursed. The Treasurer shall keep or cause to be kept at such place as the Board shall designate, correct records of the monies, business and transactions of the Corporation, and exhibit them to any Officer or Director. The Treasurer shall render to the Board, whenever requested, an account of the financial condition of the Corporation and of all transactions as treasurer, and, as soon as may be possible after the close of the fiscal year, make and submit to the Board a financial report for such fiscal year, and presented before each Annual Meeting, the financial statements of the Corporation. The Treasurer is to be bonded at the Club's expense.*

Also new with this year's election: Officers and Directors will be elected for a **two-year** term in this order; President, Secretary, Director 2, Director 4, and Director 6 elections will be held on even number years. Vice President, Treasurer, Director 1, Director 3, Director 5, and Director 7 on odd number years.

So this year, the President, Secretary, Director's 2, 4, & 6 will be elected for a two-year term. To start their two-year election rotation on even numbered years. The Vice President, Treasurer, and Directors 1, 3, 5, and 7 will be elected for a one-year term, and will be up for re-election in 2027, to get them on their two-year rotation of elections on odd numbered years.

Who is who?

President: John Knott, N4JTK
Vice President: Michael Cauley, W4ORL
Secretary: Bob Nocero, W4KBW
Treasurer: Ana Groe, KM4JVE

Director 1: Bob Cumming, W2BZY
Director 2: James Deuel, N0XIA
Director 3: Ed Thralls, NE4H
Director 4: Christy Moore, KN4MDM
Director 5: Kevin Jackson, AA3XV
Director 6: Aaron Morrison, AE4KO
Director 7: To Be Determined

Who can run for office?

Candidates for any office must be a voting member in good standing for at least one (1) year prior to the Annual Meeting and shall be eighteen (18) years of age or older. There is no limit on the number of terms a member may serve in any position.

The Process!

The Nominating Committee shall submit a slate of nominees for Officers and Directors for consideration at the General Meeting preceding the Annual Meeting. Nominations may also be made from the floor at that same meeting. Questions regarding eligibility for election must be raised at the Board Meeting preceding the Annual Meeting. Nominees deemed not meeting qualifications as specified in ARTICLE IV, SECTION 2 as determined by a majority vote of the Board, shall be notified in writing prior to the Annual Meeting. The Secretary or designee shall prepare a ballot with the names of all qualified nominees. This ballot shall be distributed to all eligible voters at the Annual Meeting. Absentee ballots shall be available from the Secretary by individual request and must be returned before the Annual Meeting. The ballot shall be cast in secret and counted by members of the Nominating Committee not running for office. The election shall be decided by a plurality. Upon vote of the membership, the ballots may be immediately destroyed. Persons elected, shall assume their office at the close of this meeting.

Preparation of the Slate and the acts of voting may be done with traditional physical ballots or by electronic technologies available at the time, if the regulations presented in Article 4 Sections 1,2, and 3 are met and satisfied. If voting is executed using electronic means, the need for absentee ballots is nullified as members can vote electronically and do not need to be present at the club meeting.

We'll go over this at the next meeting. If there are any questions, please feel free to ask those questions then, or you can email anyone of the Board members if you prefer.

Hope to see you at the meeting. The program is "HamCation 2026", presented by Michael Cauley, W4ORL.

73,

John Knott, N4JTK



HamCation® Appreciation Picnic

When: March 21, 2026

Where: Bill Fredrick Park at Turkey Lake

3401 S. Hiawassee Road

Orlando, Florida 32835

Pavilion 1 & 2

Time: 1:00 pm

On behalf of the Orlando Amateur Radio Club and the HamCation Committee, **you are cordially invited** to our annual HamCation® Volunteer Appreciation Picnic.

We thank you for your devoted time and efforts in helping make HamCation® a huge success. Your contribution has allowed us to continue growing and improving the show yearly.

We will have Hamburgers, Hotdogs, Veggie Burgers, Grilled Chicken, Potato Salad, Beans, and much more. I promise you will not go away hungry.

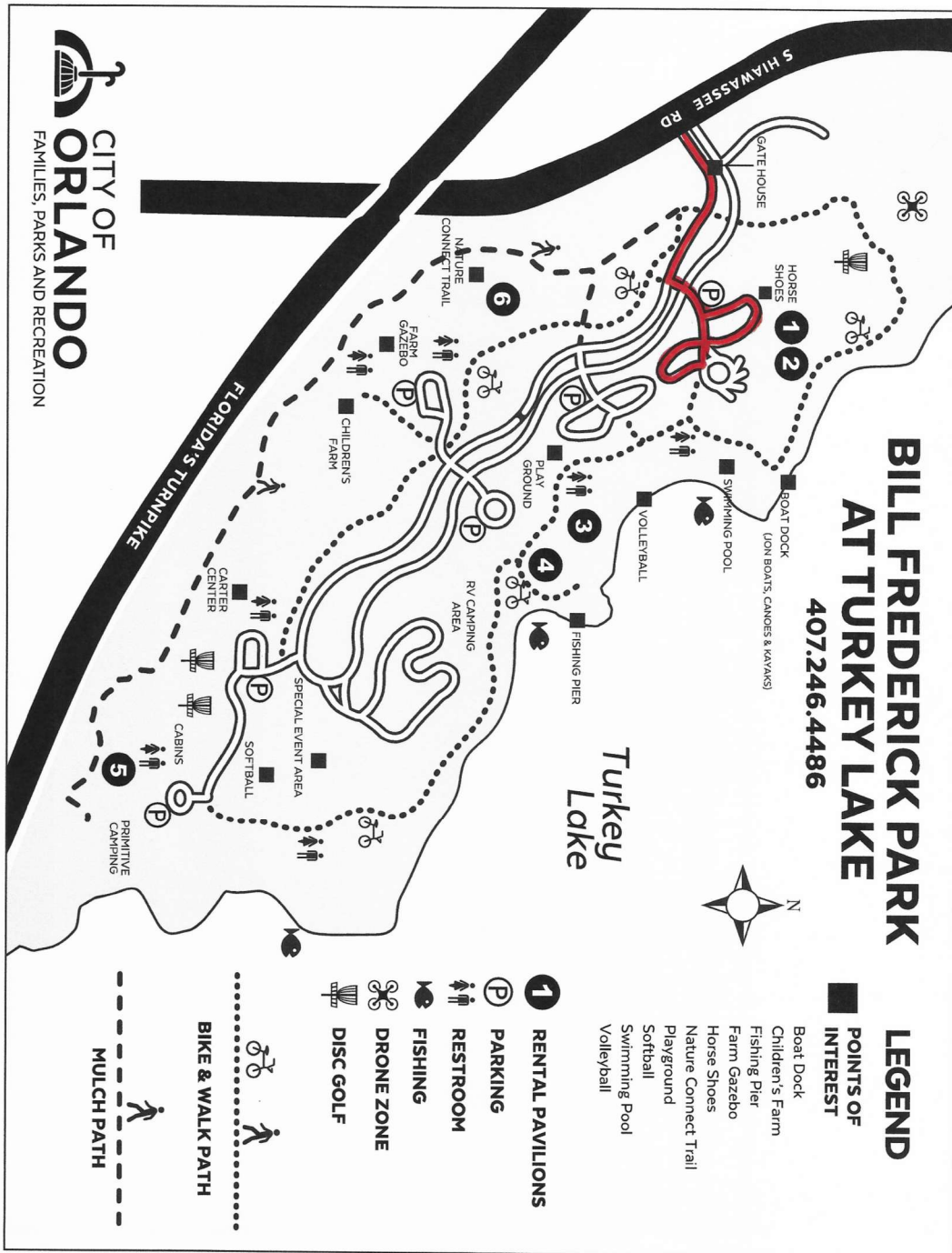
We will have some **great prizes** to give away.

Please RSVP via e-mail to picnic@hamcation.com by March 14, 2025

When you come through the main gate follow the road to the Lot 1 Sign. Then take the left and follow the signs to Pavilion 1 & 2 on the map below follow the red road.

The Park Charges admission. When you get to the Main Gate tell

Attendant you are attending the HamCation[®] Picnic and it will be free to get in. OARC covers the fee for everyone.



Our Club is Growing – New Members and Birthdays

(By Rick Peron, KM4KQQ, Membership Chairman)



AK9TX Cliff Bills/Extra	K8LFF Dawn Wolff/Tech
KB4WUQ David Lay/	KD4DXX Karin Thompson/General
KE4SZT John Richardson/Extra	KG5PTE James Horak/Extra
KJ4JIO Joesph Armbruster/Tech	KQ4KJV James Sippel/General
KR4JAC Daniel Temkin/Tech	KR4JAU Bruce Bryson/General
KR4JKY Ulysses Carrion/Tech	KR4JLE Kendall Felder/Tech
KR4JLF Michael Lambert/General	KR4JLG Jose Ortiz/Tech
N4ZZN Gregory Geist/Extra	W4JPR Jennifer Richardson/Tech
W8WDW Del Rockwell/General	W9SJY Vinette Ashford/Extra

Birthdays this Month

Trista Lyons		AE2A Mitch Baum
AL7BA James Shaw		K4FLY Jason De la Cruz
KA9ZRZ Mike Beers		KB4WUQ David Lay
KB9AMM Scott Cole		KG5PTE James Horak
KI4KYB Melissa Devine		KJ4JIO Joesph Armbruster
KQ4KJV James Sippel		KN4MDJ Kenneth Lyons
KN4YRX Alejandro Malave-Barrozzi		KR4BGB Ryan Vinton
KR4CAN Joseph A Nixon	KR4HET Jamie Rees	KR4JLG Jose Ortiz
W9SJY Vinette Ashford	KT3S Den Ardinger	W4JPR Jennifer Richardson

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 3/30/2026

First Name Last Name/Call

Sara Adams/KC2NXX
 Jacob Baker/K4RZO
 Michael Cardona/KO4VTH
 Diana Coffman/KO4VEJ
 Frank Dauns/KR4BZZ
 Timothy Dwyer/AC4TD
 Thomas Gandy/KC4AQF
 Larry Gwaltney/KR4CAI
 Sean Henry/KR4CAJ
 Angel Hernandez/N2YNV
 Joshua Hufford/KA4JSH
 Wojciech Kossowski/KE4MSM
 David Lehman/KR4BEQ
 Todd Ludington/KQ4NZC
 Ralf Pemsel/K4RPP
 Jhoan Rivero/KR4CBU
 Wayne Roberts/KR4CAP
 Rolando Tovar/KR4CAD
 Johnathon Wackenhuth/KR4CAE

Expiring 4/30/2026

First Name Last Name/Call

Frank Gergits/KC9GNQ
 Richard Mastrocola/KE2DBQ
 Bob Nocero/W4KBW
 Rick Peron/KM4KQQ
 Charlie Santana/N4PPR
 Frank Tagliani/KD4EZW
 Edmund Thralls/NE4H
 Dennis Voegler/WA4QMS

Expiring 5/30/2026

First Name Last Name/Call

Miriam Baez-Lopez/KR4EKA
 Jeremy Bouse/KQ4AFY
 Paula Hamilton/KR4DAE
 Val Jacyno/AK4MM
 Neil Monday/KR4COQ
 Larry Schnaudigel/KN4LSY
 Chris Wolf/KR4CKS
 Roger Zubarik/KJ4LYY

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:



No Exams given during the month of December

EXTRA CLASS*

Randall Rees/ KR4HEX

Gregory Geist/N4ZZN

GENERAL CLASS*

Bruce Bryson/KR4JAU

Michael Lambert/KR4JLF

TECHNICIAN CLASS **

Ulysses Carrion/KR4JKY

Kendall Felder/KR4JLE

Jose Ortiz/KR4JLG

* 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 AK4MM Val Jacyno KT3S Den Ardinger N4UMB Joe Patti
NE4H Ed Thralls W2BZY Bob Cumming W4VBK Rod Cavin WR4RW Rich Wilson
WY1E Michael Kooiman

OARC Meetings and Events 2026 Important Meeting Information

2026	
February 13-15, Friday - Sunday	HamCation
March 4, Wednesday	License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: "HamCation 2026" by Michael Cauley, W4ORL
March 21, Saturday	OARC/HamCation Volunteer Picnic Bill Frederick Park at Turkey Lake, Pavilions 1&2
April 1, Wednesday	License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: "Hints and Kinks with NanoVNA" by Eric Nichols, KL7AJ
May 6, Wednesday	License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: "Introduction to Microcontrollers" by Glen Popiel, KW5GP
June 3, Wednesday	License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: "High Efficiency Mutli-band Wire Antenna Design" by Gary Baker, K7EMF
June 26 - 28, Friday - Sunday	Field Day Location: TBD
July 1, Wednesday	License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: "Close Encounters of the Microcontroller Kind" by Glen Popiel, KW5GP

August 5, Wednesday	License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: "Ask and Elmer" by OARC Board of Directors
September 2, Wednesday	License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: "Off Grid Communication with LoRa and Meshtastic" by Tom Graham, WX8TOM
October 7, Wednesday	License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: "Near Vertical Incident Skywave (NVIS) Antenna for EmComm" by Gary Spangenberg, KF4GGK
November 4, Wednesday	License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: "10 acres for Antennas Where my Wife Doesn't Live: Building a Remote Station" by Bruce Perens, K6BP
December 5, 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 – Fox Hunt : March 7, 2026

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

Location: We will start from Johnny's Diner: 500 FL-436 # 1000, Casselberry, FL 32707 . <https://share.google/aXjYYIB1bRcB2IV5Y>

Expected Schedule:

- 8:30: Arrive and gather team details
- 8:45 - 9:00: What is and how to Fox Hunt:
- 9:00: First team begins the hunt. We will send teams out every 5 minutes
- Once the majority of teams make it to the ending point we will start the picnic, a pizza lunch with drinks and all.
- Group picture at ending location and picture of top two teams in each category.
- Don't forget to bring: Your antenna and handheld radio. If you don't have the needed gear but would like to join the fun let us know. We can put you with a team and you can still participate, learn, and have fun.

- Appropriate clothing: Check the weather before you come out. Don't forget rain jackets, hat, sunglasses, jacket if needed. Drink and snacks during the hunt if you want

What is a Fox Hunt?

A hidden transmitter, "FOX"; will be someone in the Winter Springs Area. Use your radio to locate the fox. Your goal is to find the transmitter in the shortest amount of time. Are you not sure how to Fox Hunt, no worries, we will have a small class. We will start from the designated location listed above and the hiding spot will be in the local area within a 7-mile radius of the starting point. For safety and fellowship reasons, we will hunt in teams of two. Call a friend in the club and have them partner with you, or if you don't have a partner, we can team you up before we start. Just show up. After we are done, we will have a cookout.

Participant Categories:

- **Tape measure antenna:** It can be from the class or one you made on your own. [Here is the link to the instructions](#). Make sure you download your copy.
- **Other Antennas:** Homebrew or store-bought.

Don't want to participate but want to help? If you don't want to participate in the hunt, but you are willing to help, please let us know. All help is greatly appreciated.

We need folks to help with the grilling team and the transmitter team. The transmitter team will hide the transmitter, do the sendoff, and record the ending times.

Full details on the web site: <https://www.lmars.org/annual-events/fox-hunts-3>

We look forward to seeing you there.

W4F, A Special Event Station Commemorating Florida's Statehood : March 14, 2026

(By Woj Kossowski KE4MSM)

Come Have Fun With Us!

LMARS will once again be hosting a Special Event Station as Florida commemorates its statehood anniversary, March 3, 1845, LMARS, Lake Monroe Amateur Radio Society will come together to celebrate this significant milestone.

We will operate under the Special Event call sign of **W4F**. We will operate **SSB voice, CW, and FT8**.

Date/Time: 3/14/2026

Each person will operate ONLY during the **2-hour blocks** for which you signed up. Details are below.

- CW (From Home): [5-7am; 7-9am; 9-11am; 11-1pm; 1-3pm; 3-5pm; 5-7pm; 7-9pm; 9-11pm]
- DIGITAL (From Home): [5-7am; 7-9am; 9-11am; 11-1pm; 1-3pm; 3-5pm; 5-7pm; 7-9pm; 9-11pm]
- VOICE (From Home): [5-7am; 7-9am; 5-7pm; 7-9pm; 9-11pm]
- VOICE (From HRO): [9-11am; 11-1pm; 1-3pm; 3-5pm]

This event is open to all. If you're a Technician level operator join us at HRO, you can operate under a Control Operator and you will be able to operate in the lower bands. All operators operating from HOME must operate within their license privileges.

You must register to participate. **Registration and details** are here: <https://lmars.org/annual-events/w4f-special-event-florida-statehood>

Questions/Comments, please reach out...

*** CQ FLORIDA HAMS ***

[The 2026 Florida QSO Party will be held April 25 & 26.](#) We sure hope you'll join us by activating your FL HF stations – home, club, school, mobile and expedition all welcomed. Let's make all 67 counties RADIO-ACTIVE!

Please check out the rules and further details at our Web Site: <http://www.floridaqsoparty.org/>

Florida State Parks on the Air Contest

April 17 through 20, 2026

172 Parks, Trails, and Historical Sites to Choose From

Activate One or Activate Them ALL!



For More Information:

Email: info@fspota.org

Subscribe: flspota+subscribe@groups.io



<https://fspota.org>

<https://parksontheair.com/>

When All Else Fails?

(NTS Letter for February 3, 2026)

One might divide amateur radio public service activities into two categories, one of which is *essential services*, and the other of which might be called *value-added services*. Understanding the nature of these two categories has become increasingly important as commercial and government telecommunications environments become more diverse and robust.

Essential Services:

While few would argue with the assertion that emergency service communications networks are far more reliable today, the fact remains that these systems do have vulnerabilities and limitations. Yet, fewer disaster situations require amateur radio support to fill in gaps or overcome inherent limitations in these systems. Therefore, some radio amateurs use this reality to assume that we are no longer needed. So, let's examine that assumption.

It is the job of emergency management and relief organizations to conduct a thorough hazard and vulnerability analysis for their community or state. In doing so, consideration must be given to potential disasters that, although rare, can overwhelm or damage public safety communications systems. Like their professional counterparts, radio amateurs should also prepare for those rare situations in which "all else fails."

The emergency management process, if properly conducted, requires coordination between numerous agencies and organizations, many of which do not normally utilize public safety communications networks. Even in the case of emergency situations that are less than catastrophic, organizations like ARES® and NTS can play an important role by providing the flexible and scalable communications resources needed to enhance coordination and information flow within the broader emergency management environment, thereby ensuring a cohesive response phase operation.

This brings us to an essential point: The bar for providing these essential services is rather high. Amateur radio volunteers must be able to do more than establish connectivity. They must be able to *communicate* efficiently and accurately. Senior volunteers need to understand how to function both within the emergency services environment and within the context of an operational EOC or message center. This means *real training and experience* conveying message traffic and managing important administrative tasks involving radio logs, records, and accountability.

Value-Added Services:

There are many opportunities for radio amateurs to assist with, other than significant disasters. A two-way radio network remains an excellent tool for coordinating a distributed event such as a parade, a marathon, severe weather events, or smaller emergency operation that falls outside the scope of normal emergency services operations. There remains great value in cohesive volunteer organizations that can provide not just real-time information, but also a level of quality control that renders the information of greater value than random inputs from public sources.

While it is important for Section leadership to not fall into the trap of simply becoming "emergency management volunteers who bring their own radios," there are many events and situations in which Amateur Radio Service resources can greatly enhance

safety and efficiency. These activities of lesser scale also provide a perfect opportunity to practice the essential skills needed to respond to those less common situations in which essential services *are* required. Best of all, they can provide a sense of purpose for ARES® and NTS volunteers.

Diminishing Relevance?

Fifty years ago, the ability to establish connectivity alone was valuable simply because mobile or portable two-way radio capability was a rarity. It so happens that many radio amateurs at that time also had experience with traffic handling, commercial and maritime communications, or military experience. When called upon to fill gaps in communications infrastructure, radio amateurs often rose to the occasion with efficient and accurate communications.

Today, the ability to establish connectivity is no longer a rare asset. However, the ability to *support* a disaster operation with excellent administrative skills, solid operating procedures, and efficient, accurate, traffic handling remains a high-value element in either a disaster operation or a community service event. However, one can't learn the needed skills "on the job." Effective, peer-reviewed training and effective drills and practice are needed to ensure that radio amateurs can do more than establish connectivity; rather, it ensures they can *communicate*.

Quo Vadis? (Where are you going?)

Perhaps amateur radio finds itself on a modern Appian Way, confronting a rapidly evolving telecommunications environment in which its destiny will be determined. One choice leads to diminished relevance whereas the other leads to a future in which amateur radio remains a valued community asset. If we want to choose the latter path, our volunteers *must* develop the solid communications, technical, and administrative skills needed to do so. This means prioritizing real training and experience in the core competencies of effective communications. Examples include:

- Ensuring your ARES® organization has regular connectivity to NTS traffic nets and other infrastructure-level systems.
- Conducting training drills in message handling (radiogram and radiogram-ICS213) during weekly two-meter nets (see an example at: radiorelay.org/files/training/RRI-TR-005-Phonetic-Alphabet-Training-Rev-A.pdf)
- Using community service events to set up a simulated message center which incorporates the administrative tasks that might be needed in a major disaster.
- Prioritizing training that emphasizes the core skills of communications methods and technical tasks.

- Using our amateur radio networks for routine reports and basic administrative functions within your section, rather than relying upon commercial common carrier methods.

Lastly, don't forget that volunteers need a sense of purpose. Get involved in an NTS traffic net, if only one or two days a week. Use NTS and ARES nets to report routine weather data to the National Weather Service. During the warmer weather months, host events in which volunteers set up in the field and originate one or two pieces of message traffic. Exercise your creativity.

Use your volunteer resources wisely. Find that balance where they have a sense of belonging and purpose while gaining the skills needed to remain a valuable community asset. Our future depends on it. – *James Wades, WB8SIW*

Digital or Paper? (The ARRL Letter for February 12, 2026)

In a digital world, everything works correctly. But what happens when it doesn't?

Tina Milenovic, K8RBQ, a member of the All Things Amateur Radio Association (ATARA) in Lancaster, Ohio, said her club began asking that question a couple of years ago. "What happens in a grid down situation, when the internet, tablets, laptops, and GPS are not available? In an emergency, how can first responders quickly navigate and travel to their intended destinations?" Milenovic said that after some thought and discussion, the answer was, well, old school ... use paper maps!

In 2023, members of ATARA began contacting the county engineer offices of Fairfield and contiguous counties to acquire fold-out, paper county maps for their Off Grid team members. The Off Grid team trains to be able to respond and provide mission-essential emergency communications in a natural or human-made disaster situation in which amateur radio operators are needed to assist first responders or other emergency officials. The intent of having the paper maps was to ensure that team members could travel to an incident scene if the power grid or internet were down and no GPS was available.

The idea blossomed into the acknowledgment that all of Fairfield County's emergency responders may also need paper maps when they travel in or out of the county or when providing mutual aid to other departments. So, the Map Packs project was created.

County engineer offices in the area were contacted and all generously donated a large quantity of paper maps for the Map Packs project.

"Once all of the maps were acquired, ATARA members assembled the Map Packs. The maps (6 county maps, 1 state map and an atlas provided by one of the counties)

were compiled into sets and placed in 9 x 12.5-inch water-resistant mesh zipper pouches paid for by donations from club members," said Milenovic.

Feedback has been very positive. Fairfield County Sheriff Alex Lape posted on the department's Facebook page, "These Map Packs contain folded paper maps of Fairfield County and all adjacent counties. These maps are very helpful in the event modern technology should fail. ATARA provided enough maps for all patrol vehicles and detectives."

Milenovic recommended that amateur radio clubs and operators may want to consider replicating this Map Packs project for their communities.

If your club would like more information regarding the Map Packs project contact ATARA at president@atara-w8atr.fun.

Honoring the Titanic

(The ARRL Letter for February 12, 2026)

Amateur radio operators worldwide will have an opportunity to honor the passengers and radio crew of the RMS Titanic that sank in the early hours of April 15, 1912.

A Spanish special event station, EG1912T, will be on the air from 0000 UTC on April 10, the date on which the Titanic set sail from Southampton, England, until 2359 on April 15, the date on which it sank after hitting an iceberg. The call sign is unique for this event. EG identifies Spain, 1912 signifies the year the ship sank, and T stands for Titanic.

"Radio station managers and telegraph operators Jack Phillips, Harold Bride, and Harold Cottam, who played a leading role in the telegraphic communications during the rescue, will also be honored," said Carlos Reboreda, EA1PJ, president of the Vigo-Val Miñor Amateur Radio Union, which is sponsoring the 2026 special event operation.

All amateur radio operators are invited to participate. Bands used will be HF, VHF, UHF, and SHF (amateur radio satellite). All modes will be available with special emphasis on telegraphy. All stations that contact EG1921T using CW will receive a special QSL card. All other stations making contact on any frequency or mode can receive a confirmation via eQSL and LoTW.

ARRL Joins America250 as a Supporting Partner for the Nation's 250th Anniversary

(The ARRL Letter for February 5, 2026)

ARRL announced today that it is a Supporting Partner of America250, joining the nationwide celebration of the 250th anniversary of our country in 2026.

America250 is the national, nonpartisan organization charged by Congress to lead the commemoration of the signing of the Declaration of Independence, a milestone that marks America's semi quincentennial. Through education, engagement, and service, America250 seeks to bring Americans together to reflect on the nation's history and renew commitment to the ideals that unite us.

As a Supporting Partner, ARRL will contribute to America250's mission by highlighting the historic and ongoing role of amateur radio in connecting people, supporting public service, and strengthening civic engagement across the United States. Since its founding in 1914, ARRL and its members have played a vital role in technical innovation, emergency communications, and volunteer service in communities.

"Amateur radio has been part of the American story since the earliest days of wireless communication," said ARRL President Rick Roderick, K5UR. "For more than a century, the Amateur Radio Service has advanced the nation's communications capabilities by fostering technical innovation, developing a pool of trained and skilled operators, strengthening emergency and public service communications, and promoting international goodwill. These enduring contributions reflect why amateur radio continues to serve the public interest as a uniquely resilient and volunteer-driven national resource."

"As we approach America's 250th anniversary, it's important to recognize the organizations and volunteers who have connected and served communities for generations," said Jen Condon, Executive Vice President of America250. "Amateur radio reflects the spirit of service, innovation, and civic engagement at the heart of our nation's story, and we're proud to welcome ARRL as a Supporting Partner in this historic commemoration.

America250 Worked All States Operating Event. ARRL has already launched the America250 Worked All States (WAS) year-long event, calling on amateur radio operators worldwide to make contact with all 50 US states in honor of America's 250th anniversary. ARRL will produce an achievement award for radio amateurs who meet the challenge. [[More information.](#)]

2026 ARRL Field Day is June 27 – 28. ARRL announces that the theme of 2026 ARRL Field Day will be "Amateur Radio: A National Resource." Field Day is an annual amateur radio activity organized since 1933, and the largest on-the-air operating event in North America. Field Day showcases amateur radio's readiness to provide resilient communications in times of need while engaging the public through hands-on demonstrations and community outreach. [[More information.](#)]

ARRL's partnership with America250 reflects a shared commitment to honoring America's past while investing in the civic, technical, and volunteer spirit that will carry the nation forward.

Chasing Balloons Around the World

(The ARRL Letter for February 5, 2026)

[Edge of Space Sciences](#), an ARRL Affiliated Club in Englewood, Colorado, has been monitoring three amateur radio pico balloons as they continue to circumnavigate the globe.

Officially, the balloons are referred to as flying pico tracker balloons. That breaks down to pico...for small, tracker...custom-built computer which has a GPS and radio transmitter to relay its location over long distances, and balloon... what you attach to a computer to see how far it can go!

Two balloons were released at HamCon Colorado on October 25, 2026. EOSSP-3 has completed 5 circumnavigations and is currently lost somewhere "up north." No signal has been heard for 4 days. EOSSP-4 has completed 7 circumnavigations and is currently approaching India. Meanwhile, EOSSP-2, launched September 18, completed its 10th circumnavigation at 12:05 PM MST on February 4.

You can track the balloons on aprs.fi with this [LINK](#). Flight logs of both WSPR and APRS trackers, as well as various balloon configurations, are available.

Club member Michael Pappas, W9CN, says the club has been active with pico balloons since 1990 and it's an effort to help kids, as well as seasoned amateurs, understand the dynamics involved. "The club has an FAA Part 101 waiver for pico balloons up to 30 pounds," said Pappas. "Air traffic will be diverted away from the balloon's path.

Pico balloons can be inexpensive to construct. The balloon is similar to Mylar® party balloons and costs around \$7. A small transmitter averages about \$170.

More information can be found on the club's website, www.eoss.org.

On The Air Live Offers Learning Opportunities for ARRL Members

(The ARRL Club News for February 17, 2026)

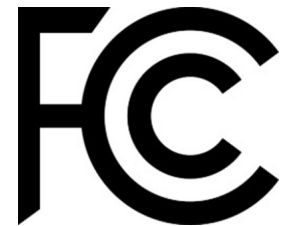
The monthly *On the Air Live* offers a monthly opportunity for hams to receive instructional content each month from ARRL Education Specialist Wayne Greene, KB4DSF. Wayne provides a monthly topic that is related to various capabilities, practices and abilities within amateur Radio. "My goal is to inspire ham radio operators to try something new or try different approaches to enhance their ham radio experience." Says Greene. "In the past year we have covered topics including how to use your HT, a deep dive into APRS, how to send and receive SSTV images, and how to use your ham radio privileges to keep in contact with family and loved ones outside of a disaster area where you may be at that moment."

On the Air Live airs on the ARRL learning center, learn.arrl.org, on the fourth Tuesday of each month at 8PM eastern.

FCC Requires That FRN Contact Information Be Updated Within Ten Days of a Change

(The ARRL Letter for February 19, 2026)

ARRL reports that the Federal Communications Commission (FCC) adopted changes to its rules to require that every holder of an FCC Registration Number (FRN) update their contact information in the [CORES](#) system (email and postal addresses) within ten business days of a change.



Because every FCC licensee—including amateur radio operators—must have an FRN to file applications, this requirement applies to all licensed amateurs. FRN contact information is handled separately and apart from contact information related to a license in the [License Manager System](#). Both records must be kept up-to-date, and each requires a separate update.

Until now, no specific deadline existed for updating FRN or license contact information. Instead, the amateur rules at sections 97.21 and 97.23 provide that a license may be suspended or revoked “if FCC correspondence is returned as undeliverable because of an incorrect address/email.” These provisions remain in effect as well as the 10-day deadline applicable to FRN information.

If your FRN information is current and has not changed, no immediate action is required, but you must adhere to the 10-day rule for future changes. It is recommended to periodically check both the [CORES](#) and [License Manager Systems](#) to ensure contact information is accurate, even if no changes have occurred.

The new deadline [section 1.8002(b)(2) of the Commission’s Rules] became effective on February 5 as part of a proceeding that was limited to further constraining robocalls. Although the proceeding focused on robocall issues, the 10-day update requirement applies broadly to all FRN holders. On February 6 the FCC confirmed in a Public Notice that the new deadline applies to all FRN holders. The amendment replaces language adopted in 2001 that required FRN holders to keep their contact information up-to-date but had not imposed a deadline for doing so.

Numerous requests for clarification from non-robocaller interests led the FCC to issue a [Public Notice on February 6](#) ([see also PDF](#)) clarifying that fines imposed on those subject to the robocall rules for not keeping contact information up-to-date do NOT apply to licensees such as radio amateurs, but that the 10-day deadline does apply to all FRN holders.

See the following resources for updating FRN and license information.

FCC Tutorial on updating FRN information:

https://apps.fcc.gov/cores/html/Update_FRN_Information.htm

ARRL information on how to update license information:

<https://www.arrl.org/call-sign-renewals-or-changes>

For assistance, call the FCC FRN Help Desk: (877) 480-3201 (available 8 AM to 6 PM ET).

3YØK DXpedition Back on Track

(The ARRL Letter for February 19, 2026)

The latest DXpedition to Bouvet Island, 3YØK, is back on track after a 2-week delay for mechanical repairs to its ship, the Argus. Team Media Manager James Gallo, KB2FMH, confirmed reports from earlier this week that the ship had arrived in Cape Town, South Africa, and was being loaded with the expedition's equipment. The team of 24 operators includes 22-year-old Max Freedman, N4ML, an ARRL staff member.



In an earlier statement on the 3YØK website, the team leadership explained that "Our vessel requires additional maintenance to ensure it is fully prepared for the demanding voyage to one of the most remote and challenging locations on Earth." The announcement added that "While this delay is disappointing, the safety of our team remains our highest priority. The adjustment does not change the overall strategy of the DXpedition, which has been carefully planned over the past three years."

Gallo says the ship will head out soon and that arrival time will be weather-dependent. Updates will be posted on the expedition website, www.3y0k.com.

3YØK DXpedition Update. (The ARRL Letter for January 26, 2026) The 3YØK DXpedition team departed Cape Town, South Africa on February 21 aboard the Danish-registered vessel Argus, beginning the 1,500 nautical mile journey to Bouvet Island. The group of 24 operators, which includes 22-year-old ARRL staffer Max Freedman, N4ML, expects to arrive tomorrow, February 27, after slowing down due to bad weather, according to the expedition website.

The Argus completed maintenance work prior to her arrival in Cape Town, ensuring full readiness for the voyage. Last week, the expedition helicopter was loaded,

inspected, and secured on deck. Both the vessel and the aircraft have successfully passed all required inspections.

“We appreciate the strong commitment demonstrated by the pilots, mechanic, expedition guides, and vessel crew as we move forward together as one team to make this a successful expedition,” said 3YØK Pilot James Gallo, KB2FMH.

Gallo added that the captain and crew are performing excellently, and the team is enjoying good meals prepared by the ship’s chef. A band plan has been posted on the expedition website, www.3y0k.com.

2025 ARRL Sweepstakes Icom Dream Station Winner Announced at Orlando HamCation®

(The ARRL Letter for February 19, 2026)

ARRL announced the winner of the 2025 ARRL Sweepstakes Icom® Dream Station on Saturday, February 14, at 2026 Orlando HamCation. The announcement was made by ARRL President Rick Roderick, K5UR, with Icom America Senior Sales Manager Ray Novak, N9JA.

The ARRL Sweepstakes ran from January 3 to December 31, 2025, as the centerpiece of a year-long membership drive designed to encourage new members to join and current members to renew their support.

Congratulations to Lee Warren, KI5YDR

Roderick announced that the ARRL Sweepstakes winner is member Lee Warren, KI5YDR, of Honolulu, Hawaii.

Warren earned his amateur radio license in 2022 after thinking about the value of having radios available in case of a disaster. “With all the research I was doing, I realized I might as well get my Technician license,” he said. He upgraded to General Class in 2023 so he could operate KH6BB, the radio room aboard the *USS Missouri* museum ship in Pearl Harbor.

His first contact was with a Parks on the Air® (POTA) operator at Lake Mead, Nevada. Now, he’s learning Morse code so he can operate using the keys once used by his grandfather, Thomas Lee “Buddy” Dykes (SK, 2000).

Roderick and Novak congratulated Warren via Zoom from the convention floor. “I’m very excited about winning the sweepstakes — especially since I was going to renew my ARRL membership anyway,” Warren said. “The publications and public outreach are great, but the real value for me is knowing that an organized, motivated group of people are lobbying Congress to make sure we keep the airwaves free enough for the

hobby to thrive. I also appreciate Icom's donation of the prize to help keep ARRL top of mind for my fellow hams and future licensees."

Icom Dream Station Prize

Warren received the grand prize "Dream Station" featuring the latest amateur radio equipment, generously donated by Icom America:

- IC-7760 HF/50 MHz 200 W Transceiver – Icom 60th Anniversary Signature Edition, which also includes a limited-edition Seiko watch commemorating Icom's anniversary
- IC-PW2 1 kW Linear Amplifier
- SM-50 Advanced Desktop Microphone

New Book Release: *Digital Networking for Ham Radio*

(The ARRL Letter for February 19, 2026)

ARRL's new book, [*Digital Networking for Ham Radio*](#), a practical, hands-on guide to designing and implementing high-speed data networks for amateur radio stations, is now shipping.



Written by Glen Popiel, KW5GP, the book brings together in one comprehensive resource the knowledge needed to build, configure, and expand digital networks for ham radio. From TCP/IP fundamentals to deploying mesh technologies such as AREDN®, HamWAN, and Meshtastic®, readers will find clear explanations and step-by-step guidance.

"When I began experimenting with amateur radio data networking, I realized there wasn't a single resource that clearly explained how it all works — especially TCP/IP in terms the average ham could relate to," said Popiel. "That inspired me to create a practical guide to designing and implementing high-speed amateur radio networks. Since there's no speed limit above 70 centimeters, operators can integrate webcams, IP phones, and other networked devices. I hope this book encourages hams to explore, experiment, and enjoy networking on the microwave bands."

[*Digital Networking for Ham Radio*](#) covers selecting hardware, choosing network topologies, configuring systems, and staying compliant with FCC Part 97 rules. The book is designed for both newcomers and experienced operators who want to expand their stations with resilient, high-speed networking capabilities.

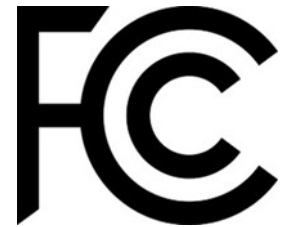
Digital Networking for Ham Radio is now shipping. Order from the ARRL [online store](#) or through an ARRL [publication dealer](#). ARRL Item No. 2349, ISBN: 978-1-62595-234-9, \$29.95 ARRL member price, \$34.95 retail.

For additional questions or ordering, call 1-888-277-5289 toll-free in the US, Monday through Thursday 8 AM to 7 PM and Friday 8 AM to 5 PM Eastern Time. Outside the US, call (860) 594-0200.

FCC Recruiting 7 Field Agents – Electronics Engineers

(The RRL Letter for February 26, 2026)

The Federal Communications Commission (FCC) is looking for qualified applicants for Field Agents in seven Enforcement Bureau (EB) offices across the United States: Atlanta, GA; Boston, MA; Chicago, IL; Dallas, TX; New Orleans, LA; New York, NY, and Portland, OR. Incumbents will resolve Radio Frequency (RF) interference, educate users, and enforce regulations. The GS levels for this position have been expanded to GS 7, opening the opportunity for new college graduates. One year of work experience is not required for this position. Closing date is March 13, 2026.



From the FCC posting:

Performs and directs fieldwork in matters of importance to communications involving safety of life and property. Serves as a point of contact for FCC licensees including the US Government in matters of fixed and mobile radio direction-finding and interference resolution. Participates in unique enforcement and engineering projects that have regional or national applications.

Operates and understands all technical equipment typically used in the Field including RF spectrum analyzers, field strength meters, RF Field survey meters, and radio receivers. Maintains contacts with and assists other Federal agencies, foreign counterparts, and local law enforcement organizations concerning interaction and utilization of the radio spectrum for both authorized and unauthorized activities.

Initiates Official Notices of Violation, Warnings, Notices of Apparent Liability for Forfeiture, and other orders to radio operators and licensees, to bring unsatisfactory or violative conditions to their attention as a result of monitoring, investigations and inspections. Independently initiates correspondence or other communications with complainants and radio users concerning the enforcement functions of the office and region.

Participates in regional emergency planning meetings, serves as the local expert in emergency communications restoration, participates in FEMA conducted training exercises and is able to serve on ESF-2 task force and deployments as necessary. Participates and assists in planning of Bureau enforcement and compliance workshops for persons associated with the various industries and radio services the Commission regulates.

The Salary is \$57,736 to \$158,322 per year per year depending on qualifications and experience.

See the official, complete announcement for GS-855-7/9/11/12/13 Electronics Engineer (Field Agent) on USAjobs.gov at www.usajobs.gov/job/857694500.

Operating Tip

(The ARRL Contest Update for February 4, 2026)

Log vs. Dupe

For most contests, the exchange is short — a report, a section, state, or other trifle, and you're done. So when someone calls in and you think they're a DUPE, it might be better just to work them. Especially if you're busy running, or if the contest is really slow. If you're running hard, you don't want to interrupt your flow. If things are slow, working someone again breaks up the monotony of repeatedly calling CQ. Others may also be lurking on your frequency just to hear your exchange, so that they are more confident in calling you, or to confirm what you sent them in a previous contact. Sending DUPE may be useful in contests with long exchanges, but that's likely rare. Be aware that in a "serial number contest" like the ARRL Sweepstakes, a competitor may make a contact with you just to find out how many QSOs you have. In QSO parties, contests with mobile or roving stations, the exchange changes with the location, so work them. In the [Worked All Europe](#) contest, multiple QSOs can be made to exchange up to 10 total QTCs between two stations, a very legitimate reason to work someone more than once.

Word to the Wise

(The ARRL Contest Update for February 4, 2026)

Prosign — a combination of two Morse code letters sent without an intervening space to communicate a phrase or concept. For example, "SK" sent as end-of-contact. When written, the letters usually have a bar across the top.

Amateur Radio in the News

(The ARRL Letter for February 5, 12, 19, 26, 2025)

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

["Local volunteer radio team hits top 6% in national disaster competition"](#) / Alachua Chronicle (Florida) January 31, 2026 -- *The North Florida Amateur Radio Club is an ARRL Affiliated Club.*

["Local HAM radio club finds modern uses for old technology"](#) / Payson Roundup (Arizona) February 3, 2026 -- *The Tonto Amateur Radio Association is an ARRL Affiliated Club.*

["Indiana BMV announces another specialty license plate; this one's for amateur radio operators"](#) / WANE 15 (Indiana) February 11, 2026 -- The American Radio Relay League Indiana Section.

["Ham radio operators bridge UP200 communications"](#) / WLUC (Michigan) February 14, 2026 -- 60 amateur radio operators monitor 15 road crossings in the UP200 - 200 mile dog sled race.

["Amateur radio station keeps Columbiana students connected"](#) / Morning Journal (Ohio) February 19, 2026 -- The Columbiana Clippers Amateur Radio and Electronics Club.

["The Last Word: Communicating With the World Through Ham Radio"](#) / Erie News Now (Pennsylvania) February 23, 2026 -- Jim Scott, WK3N, Hartstown, Crawford County, Pennsylvania.

["Ham Radio: why it matters and how to get licensed"](#) / Pocahontas Times (West Virginia) February 25, 2026 -- The 8 Rivers Amateur Radio Club.

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@arri.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
SUN @ 20:00	147.285 MHz	LMARS Rag Chew & Learning Net

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	12	Horizontal Loop	EL98HN
902.400 MHz	10	Egg Beater	EL98HN
1296.030 MHz	25	Egg Beater	EL98HN
2304.050 MHz	12	Alford Slot	EM80MI (A)
3400.180 MHz	6	Alford Slot	EL98HN (B)
5760.120 MHz	8	Wave Guide Slot	EL98HN (A)
10368.015 MHz	3	Wave Guide Slot	EL98HN
24192.035 MHz	0.150	Wave Guide Slot	EL98HN

(A) Off the Air for Rebuild

(B) Off the Air for Frequency Change

Antennas are horizontally polarized and reasonably omnidirectional

Information current as of November 10, 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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