Orlando Amateur Radio Club

The Listening Post

Dedicated to Community Service and All Central Florida Hams November 2026

President's Message

Greetings! This coming weekend is the Orlando Maker Faire at the Central Florida Fairgrounds. To everyone who has signed up to assist at the OARC booth, thank you! I will be in touch with you by Tuesday evening

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OARC MEETING

Wednesday, November 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, N0XIA
3. Ed Thralls, NE4H
4. Christy Moore, KN4MDM
5. Kevin Jackson, AA3XV
6. Aaron Morrison, AE4KO
7. Larry Monroe, N2HBX

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, and James Deuel, N0XIA

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

Report Broken Links
Please report any missing or broken links that you find as you peruse our websites (oarc.org and hamcation.com) and the newsletter. Please report any issues that you find to: info@oarc.org

with additional information.

For those who may not know what a Maker Faire is, here is a description from their website:

> "Maker Faire is a gathering of fascinating, curious people who enjoy learning and who love sharing what they can do. From engineers to artists to scientists to crafters, Maker Faire is a venue for these 'makers' to show hobbies, experiments, and projects."

The **Orlando Amateur Radio Club** will have a booth at the Maker Faire. We are located in the **"Opportunity" Zone, Space OA7**. If you are familiar with HamCation, we will be in our "SWAPS" building, along the north wall in the area of the SWAPS tables, near V24. We are also close to the west door of the building.

The Maker Faire is **Saturday and Sunday, November 7–8, from 10:00 a.m. to 5:00 p.m. both days**.

Ticket prices are:

- **One Day:** $20 adults / $15 youth and students, plus fees
- **Two Days:** $30 adults / $25 youth and students, plus fees

Discounted and free admission is also available to various groups of attendees. For more information, visit the Maker Faire website at https://www.makerfaireorlando.com/.

We hope to see you there!

- **Sally Ride Elementary**

Lots of exciting things are happening with **Sally Ride Elementary**. I am thankful that our Director, **Kevin Jackson, AA3XV**, has agreed to take the lead in establishing programs with the school and its students. Look for more information coming soon!

- **OARC Christmas Party**

Our Christmas Party is just a few short weeks away. It will be here before you know it!

The last opportunity to purchase tickets **in person at an OARC meeting** is this Wednesday, November 4, 2026. You can also purchase tickets online through our website until **Friday, November 13, 2026, at 11:59 p.m.**

If you have never attended one of our Christmas parties, you are in for a treat! It is a fun-filled evening featuring lots of great food and desserts. We will present our annual awards—which are always a lot of fun—collect toys for **Toys for Tots**, enjoy festive decorations and music, and give away lots of ham radio-related door prizes as well as some non-ham-radio-related prizes.

And I am happy to announce that this year's **Christmas Party Grand Prize** will be a **Yaesu FTM-510DRASP Dual Band Mobile C4FM/FM Digital Transceiver with ASP!**



- **December Meeting**

A reminder that, due to the holiday season, there will be **no OARC meeting in December**.

Our next meeting after this month will be **Wednesday, January 6, 2027**, at the William Beardall Senior Center.

- **November Meeting**

Speaking of this month's meeting, our next meeting is this Wednesday at the **William Beardall Senior Center, 800 S. Delaney Ave., Orlando, FL 32801**. The meeting begins at **7:30 p.m.**

Our presentation will be given by **Bruce Perens, K6BP**, and the topic will be:

"10 Acres for Antennas Where My Wife Doesn't Live: Building a Remote Station."

This should be a great presentation, and I hope to see everyone there!

Don't forget that our **last FCC Test Session of the year** will also be held this Wednesday at Beardall. The test session begins at **5:30 p.m.**

I look forward to seeing everyone at the meeting, and I hope you'll join us for the many exciting activities OARC has coming up!

73,

John Knott, N4JTK

OARC Christmas Party – December 5, 2026
Tickets On Sale

(By John Knott, N4JTK)



Christmas party tickets will be on sale at the Club Meeting this month's meeting. Tickets are $20.00 each for members and spouses. $30 each for non-members. If you haven't picked up your tickets and will not be able to make it to this month's meeting, 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



Christmas Party Grand Prize will be a Yaesu FTM-510DRASP Dual Band Mobile C4FM/FM Digital Transceiver with ASP!

The Christmas party is on Saturday December 5th 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 Andy Gausz, KG4QCD, Membership Chairperson)



NA4GJ Ethan Partidas EXTRA

Birthdays this Month

KR4KIB Beatriz Berriz-Castro
W4VBK Rodney Cavin
KN4FDP Timothy Daniel
N0XIA James Deuel
KF4LTF Michael Devine
K3ENV Edward Doyle III
NF2N Fred Fitte
KR4CAD Rolando Tovar



W4CC James Hoge
KQ4GEE Patrick Huff
AB9PJ Pete Johnson
W4KBW Bob Nocero
KZ4QD Brian Ricker
KQ4LCF Carlos Rubio
K04RWO Jean-Paul Vega
W3SKY O. Mauricio Venegas

WB3Z Michael Gearhart

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 the Membership Chairperson 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.

Update Your Member Information:

Any time you change your QTH, email, or callsign, you can update your member information by notifying the Membership Chairperson at any club meeting or send email to: Membership@oarc.org

RENEW NOW

If you have any questions or suggestions, please don't hesitate to reach out to the Membership Chairperson 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 it 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 11/30/2026
First Name Last Name/Call
Grayson Butler/KG4BUT
Peter Forgacs/KC8AZZ
Debbie Forgacs/KC8CCR
Steve Lefevre/KK4TWE
Barb Rankin/KO4QFL
Benjamin Schmidt/KB3NS
Donald Whitlock/KN4YB

Expiring 12/31/2026
First Name Last Name/Call
KB9PZF/Jill Cole
KB9AMM/Scott Cole
KX4XF/Derrick Moore

Expiring 1/31/2027
First Name Last Name/Call
KR4IUK/L. Reid Seybold

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*

Shelia Huthinson/K4CMM
Connor Meacham/KQ4KYB
Ethan Partidas/NA4GJ
Chance Reimer/NA4GK

GENERAL CLASS*

Andrew Dolak/KR4PDY
Russel Hintze/KI4HHE

TECHNICIAN CLASS **

* Congratulate these hams on their upgrades and listen for them in the new bands/frequencies they now have privileges to use. **During this exam session, Ethan Partidas passed all three exams and Chance Reimer passed the Technician Exam to regain his previously expired Extra Class License.**

** 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	N4UMB Joe Patti	KT3S Den Ardinger	N2KIQ Paul Kronenwetter
NE4H Ed Thralls	W2BZY Bob Cumming	WY1E Michael Kooiman	WD4ORM George Markward
W4VBK Rod Cavin			

*** **FROM THE EDITOR**: There have been several changes at the FCC such as requiring that your FRN contact information be updated within 10 days of a change. You must use the Commission Registration System (CORES), not just the LICENSE MANAGER SYSEMS. If this is your first time attempting to use the CORES system, it can be challenging but not impossible. The articles near the end of this newsletter may be helpful as you meet the challenge.

Want to Become a Volunteer Examiner? Here's What You Need to Know

(By Aaron Morrison, AE4KO)

Every licensed ham was once a newcomer taking an exam, and someone gave up their time to administer it. Volunteer Examiners (VEs) are the people who make that possible, and our team is looking for new members.

VEs administer the amateur radio license exams for the FCC. Working as a VE means you help new operators earn their first license, help existing operators upgrade to a higher class, meet people who share your interest, and help keep the hobby growing.

What's required to become a VE:

- **Age:** You must be at least 18.
- **License:** You must hold a General class license or higher.
- **VEC accreditation:** You must be accredited with a Volunteer Examiner Coordinator (VEC) that is used for the session you're working. There are 14 VECs nationwide. Our team currently works with the Laurel VEC for monthly sessions and the W5YI VEC for HamCation. If you aren't accredited yet, we will help you get accredited.
- **Eligibility:** You cannot be a relative of the person taking the exam, and you must follow FCC Part 97 rules and VEC procedures.
- **Training:** Our team will walk you through the session process, including how to use ExamTools, the software we use to manage sessions.

Interested? Contact us:

Aaron Morrison, AE4KO
testing@oarc.org

Whether you're just curious or ready to sign up, reach out and we'll answer your questions. We'd love to have you on the team.

The OARC Mentor Program

(By Kevin Jackson, AA3XV)

The world of Amateur Radio can seem daunting when you first get involved. It is equally daunting when you already have many years in the hobby and are trying a new antenna or radio or mode. The Mentor Program is here to help you.

Here are a few of the areas we can help with, there are many more:

- Making your first contact
- Tuning and testing new antennas

- Trying your hand at building an electronic project of your own or a kit
- Getting on the HF bands for the first time
- Amateur satellite operating, setting up your radio and help making that first
- contact.
- Getting started with digital modes

Any new aspect of Amateur Radio can be complex and confusing. There are members of the club who have decades of experience in the hobby and knowledge that spreads across all aspects of Amateur Radio.

I have been active in Amateur Radio since 1975. I have learned so much, but there is always change and I am still learning. There are new digital modes such as DMR, Fusion and DStar. There's FreeDV and the huge changes that have come to digital voice modes on HF. Software Defined Radios (SDR) have changed the design of radios and expanded their capabilities. Satellite operating has never been easier, but you need to know how and when to successfully operate over the satellites. I am a very keen constructor and have learned how to use microcontrollers, design projects around them and write the required software. Each of these new opportunities requires that you acquire knowledge and learn new skills. It is faster when you learn with someone than trying to figure it out on your own.

Do not be afraid to contact us at mentors@oarc.org and we will have someone help you.

OARC Meetings and Events 2026- 2027
Important Meeting Information

2026	
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

2027	
January 6, Wednesday	License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: "What's New with Yaesu Products" by John Kruk, N9UPC
February 3, Wednesday	License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: "Common Mode Currents: why they're bad, where they come from, and how to prevent them" by Mark Smith, N6MTS (Tentative)
February 12 – 14, Friday – Sunday	**HamCation 2027**
March 3, Wednesday	License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: "HamCation 2027" by Michael Cauley, W4ORL
??? , Saturday	OARC/HamCation Volunteer Picnic Date: "TBD"
April 7, Wednesday	License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: "Modeling 80/160 meter Antenna" By Scott Myers, AC8ED (Tentative)
May 5, Wednesday	License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: "The Modern One Tube Transmitter" by Mike Silva, K6RRE
June 2, Wednesday	License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: "Parks on the Air: Growth, Challenges, and What Comes Next" by Kevin Thomas, W1DED (Tentative)
June 25 - 27, Friday - Sunday	ARRL Field Day Location: "TBD"
July 7, Wednesday	License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: "TBD"

August 4, Wednesday	License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: "Ask an Elmer"
September 1, Wednesday	License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: "TBD"
October 6, Wednesday	License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: "TBD"
November 3, Wednesday	License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: "TBD"
December 4, 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 – November 7, 2026

(by John-Paul Craig, KZ4JW)

- September 5, 2026 : 8am-12pm
- Greenwood Lakes Park
- https://maps.app.goo.gl/b8mEoJhB6VZch3Y29

Suggested to bring if you have. If not, no worries.

- HF radio(s) and cables
- Antenna(s)
- Portable power (battery, solar)
- VHF/UHF radio(s)
- Portable table
- Popup canopy
- Camp chair
- Drinks, snacks of your choice, and lunch if you like

What is HAMs in the Park?

LMARS has organized a monthly local park gatherings of Amateur Radio Operators we call "HAMs in the Park". Each month, we'll pick a different local park to operate from

and enjoy fun, fellowship, and learning! While this gathering is not specifically a Parks on the Air (POTA) event, if we pick a POTA park, we will set up POTA operations and teach you how to be a POTA activator!

It is all about learning and having Fun. We look forward to seeing you there.

Year of the Club … Special Delivery to 7Q (Malawi)

(The ARRL Letter for October 1, 2026)

It's ARRL's Year of the Club, and several radio clubs are helping to build up amateur radio some 8,000 miles away in the African nation of Malawi. One of them is the New Providence Amateur Radio Club (NPARC), an ARRL affiliatred club in

New Jersey, which contributed "one very full pickup truck with antennas, coax, test instruments, and tools" to a shipping container packed with gear heading to the Jeffrey Dahn Memorial Foundation in Embangweni, Malawi. The foundation is run by Don Jones, 7Q6M, and according to its website, its purpose is to help encourage interest and skills in STEM (science, technology, engineering, and math) fields "through the hands-on discipline of amateur radio."

NPARC's relationship with this program goes back to a random QSO a few years ago between 7Q6M and NPARC activities director Sam Sealy, KC2OSR. Don's QSL card piqued Sam's interest, since the club had a large collection of surplus equipment that had been donated by families of Silent Keys. Making contact off-air, Don told Sam he'd take whatever they could spare. That resulted in the club's first shipment of 140 pounds of gear destined for Malawi.

The club has recently been collecting more items, including two Hamtek oscilloscopes it purchased for use at the foundation's technical school in Embangweni, the Jeffrey Dahn Learning Center. The newly-gathered gear from NPARC and other clubs is about to begin its journey across the Atlantic, as Don told the club this week that he'd received a shipping container in which to pack all of the equipment headed for its new home.

Year of the Club … Keep on Truckin'

(The ARRL Letter for October 1, 2026)

One way to introduce people to amateur radio is to link it with other interests and activities. The Keystone Truck & Tractor Museum in Colonial Heights, Virginia, already has a ham station as part of its permanent exhibit, and this summer, volunteers from six area radio clubs joined museum volunteers to present a Radio Day, during which

visitors not only learned about radio history, but were introduced to modern-day amateur radio.

The museum's exhibit is built around the extensive antique radio collection of John DeMajo, K5HTZ (SK). His daughter, Kathleen DeMajo Adams, now holds that call sign and is known around the museum as "The Radio Lady." She explained how his collection fit in with the trucks and tractors. "There were several institutions interested in my dad's radio collection," she said, "but ultimately, it was the character of the people at Keystone that made it feel like the right home for it. They value American ingenuity, mechanical knowledge, preservation, and keeping old technology alive and working rather than simply displaying it. I felt very strongly that my dad would have respected that."

Adams said Radio Day demonstrated that "radio history is not something locked behind glass," but rather an experience that can still be "heard, touched, and explored." She also pointed out that radio continues to be very important to farmers while working in the fields. And truckers, of course, rely heavily on radio while on the road.

At the August 8 event, Adams explained, visitors "tried Morse code, studied antique equipment, watched live amateur radio demonstrations and learned how radio supports emergency communication. Children followed a scavenger hunt, designed imaginary antennas and discovered that signals are moving invisibly around us all the time."

Participating clubs included the Richmond Amateur Radio Club, Richmond Amateur Telecommunications Society, and Powhatan Area Radio Club — all ARRL Affiliated Clubs — plus the Hanover Virginia Amateur Radio Club, Lower Appomattox Regional Radio Club, and the Central Virginia 6 Meter Group.

Ukrainian/Polish Radio Club Celebrates Centennial

(The ARRL Letter for October 1, 2026)

The Lviv Shortwave Club (*Lwowski Klub Krótkofalowców*, or *LKK*), known as the "cradle of Polish amateur radio," is celebrating its centennial in 2026 with special anniversary call signs and commemorative certificates, as well as a ceremonial meeting taking place later this month. If you look at a map of Europe, you'll see that the city of Lviv is actually in Ukraine, and the club is based there as well. But before the border changes that occurred at the end of World War II, Lviv was in Poland, and in its early days — according to a club history provided by Nikolai Magnushevsky, UR5WHT, and Rich Assarabowski, K1CC — LKK represented Polish amateurs in the International Amateur Radio Union (IARU) until the formation of the PZK, the Polish Amateur Radio Union, in 1930. The club also published its own magazine between

1928 and 1939, provided equipment for a scientific expedition in the Carpathian Mountains in 1930 and was active in emergency communications as well. LKK was also the original administrator of what is today the SP DX Contest.

After World War II, Lviv found itself in Ukraine, but LKK's membership stretched across both sides of the border, and continues to do so today. That is reflected in the special call signs you may encounter on the air, Ukrainian calls EN1ØØWLKK, EN1ØØWQ, EM1ØØW, EN1ØØW, and EM1ØØWD, as well as Polish calls 3Z1ØØLKK, HF1ØØLKK, SN1ØØLKK, SO1ØØLKK, SPØLKK, SP1ØØLKK, and SQ1ØØLKK. Details on the commemorative certificates are at **https://radiodyplom.pl/ses/282** (You'll need to use your browser's translation service to read it in English).

The culmination of the anniversary celebrations will be a ceremonial meeting which will take place in the main hall of the Lviv Polytechnic National University, the largest university in Ukraine, as part of the International Conference on Advanced Trends in Radioelectronics and Infocommunications (ATRIC-2026) on October 15-17, 2026. In an acknowledgement of the ongoing hostilities between Ukraine and Russia, it is noted by UR5WHT and K1CC that the hall "is equipped with a bomb shelter, which allows the ceremony to proceed safely even in the event of an air raid alert."

US Navy Re-Institutes CW Training

(The NTS Letter for October 6, 2026)

After discontinuing mandatory Morse training around 2002, the US Navy determined that a generation of communications specialists lacked backup skills for environments in which primary systems fail. CW is not a requirement for all sailors, but the specialists responsible for maintaining communication links under adverse conditions now need to learn Morse as a backup. Official reasoning centered on three factors: satellite vulnerability to anti-satellite weapons and jamming, GPS denial in contested theaters, and the need for low-probability-of-intercept communication methods that require minimal infrastructure. Morse code over HF radio addresses all three simultaneously. Modern warfare targets communication infrastructure aggressively. Electronic warfare units jam voice radio, disrupt satellite uplinks, spoof GPS signals, and disable cellular networks.

How does this affect the amateur radio operator? We know that communication is a necessity of life. Yet there are those who would, and have, shut down communications networks. Morse code in the hands of the radio amateur operator has the following advantages:

- **Narrow bandwidth:** CW occupies roughly 150 Hz versus 2.4 kHz for voice SSB — harder to target and easier to copy through noise
- **Low-power effectiveness:** A five-watt Morse signal can span oceans; voice at the same power often fails
- **Human in the loop:** No dependency on digital protocols, encryption key management, or network routing

- **Equipment simplicity:** A basic transceiver, wire antenna, and battery suffice — no satellite terminal required
- **Jam resistance:** Skilled operators copy through interference that destroys voice intelligibility

If the Navy has come to this conclusion about the use of CW, how about the amateur radio community? Food for thought! For the full interesting story on the Navy's use of CW go to https://morsecoder.us/blog/morse-code-navy-2026/.

Radio Scouting Beyond JOTA

(The ARRL Letter for October 8, 2026)

Radio scouting activity is perking up with this year's Jamboree on the Air (JOTA) just over a week away, on October 17 and 18. But in some areas, radio scouting is an ongoing activity. The Dan Beard Council Radio Scouting Committee, which works with Scout troops in greater Cincinnati, Ohio, and northern Kentucky, reports that it held a Morse code challenge in May for scouts heading to the National Jamboree, and that members of the Northern Kentucky Amateur Radio Club — an ARRL Special Service Club — put a station on the air from one of the council's summer camps for five consecutive Wednesday nights, with 87 Scouts operating and making contacts. In addition, says coordinator Shawn Grubbs, KE8BBC, the West Chester Amateur Radio Association, WC8VOA — an ARRL Affiliated Club — will host scouts during JOTA at its station at the National Voice of America Museum of Broadcasting. Finally, one local troop is planning a JOTA campout as the capstone of a three-session Radio Merit Badge program for 30 scouts.

On the west coast, Oregon's Portland Amateur Radio Club and Hoodview Amateur Radio Club — both ARRL Affiliated Clubs — joined forces over the summer to introduce amateur radio to hundreds of scouts and adult leaders attending the Cascade Pacific Council's Camp Meriwether. They used a converted TV news van with a telescoping 50-foot pneumatic mast, equipped with multiple radios and antennas, which spent every Wednesday over the summer parked on the camp's main trail. According to coordinator Jim Hill, K7KEY, more than 550 visitors were introduced to amateur radio, and the volunteers helped 115 Scouts complete the requirements for Radio Merit Badge.

Discovering Ham Radio Via Moonbounce

(The ARRL Letter for October 8, 2026)

Ham radio demonstrations typically focus on the value of amateur radio in emergency communications or the fun of talking around the world without relying on wired infrastructure. But Paul Sobon, NOØT, takes a different approach, introducing the public to amateur radio through one of its most esoteric modes, moonbounce. Paul is also an amateur astronomer and president of the Deep Space Exploration Society,

which is hosting its 11th annual open house this Sunday, October 11, 2026, at its 60-foot radiotelescope located outside Haswell, Colorado. "Visitors," says the club's announcement, "can hear their own voice bounced off the surface of the moon via Earth-Moon-Earth (EME) contacts on 1296 MHz." The announcement adds that the society's club station, KØPRT, will be on the air on HF and VHF, and that optical telescopes will also be available.

"EME is a great way to introduce young kids to ham radio since it is so unique from how they communicate today," Sobon tells *The ARRL Letter*. "It combines science, outer space and communications for a totally different experience. After hearing their own voice come back from space, they look at the moon very differently now."

This week says, Sobon, two dozen homeschoolers are visiting the society's classroom "to learn more about our solar system and what lies beyond," adding, "This is the only place in southeastern Colorado that these students get to see firsthand science at work. It's pretty cool." Sobon notes that the group's community outreach over the past few years has resulted in growing interest in amateur radio and that a VE team has been lined up to start offering license exams next year.

Florida Hams Provide Communications Support During Hurricane Isaias

(The ARRL Letter for October 15, 2026)

Amateur radio operators from Florida's Santa Rosa, Nassau, Lake, Pinellas, and Leon Counties played an important role in supporting emergency communications efforts during and following Hurricane Isaias, helping ensure that critical communication capabilities remained available throughout the storm.

In Santa Rosa County, volunteer amateur radio operators staffed the Emergency Operations Center (EOC) and the evacuation shelter at the Milton Community Center. These volunteers provided a communications link between the shelter and the EOC, relaying situational updates and maintaining readiness to support emergency communications should traditional systems become unavailable.

Amateur radio operators across the state also supported auxiliary communications efforts, providing additional capabilities to maintain contact with the State Emergency Operations Center in Tallahassee if conventional communication networks experienced disruptions.

"While traditional communications systems have become significantly more reliable over the years, amateur radio continues to serve as a dependable auxiliary communications resource," said Arc Thames, W4CPD, Santa Rosa County Community Emergency Response Team (CERT) and Amateur Radio Emergency Service (ARES) Program Manager. "When disaster strikes, our volunteers are trained, prepared, and

ready to step in wherever we're needed. It's another layer of resiliency that helps protect our communities."

Thames also serves as the ARRL Northern Florida Section Emergency Coordinator and the Amateur Radio Liaison to the Florida Division of Emergency Management, supporting the coordination of amateur radio and auxiliary communications resources statewide.

"During tropical weather events impacting Florida, our Auxiliary Communications team provides volunteer operators to monitor amateur radio communications at the State Emergency Operations Center in Tallahassee," Thames explained. "This ensures that if someone is unable to reach emergency officials through traditional means, we have another way to receive and relay critical information. We always hope we're not needed, but we're glad to be there just in case when all else fails." — *Thanks to ARRL Northern Florida SEC Arc Thames, W4CPD, for the above*

PoPping In to 44Net Connect

(The ARRL Letter for October 15, 2026)

Back in the earliest days of the internet, a whole block of IP (internet protocol) addresses — beginning with 44 — was set aside for amateur radio use. Most of that block of addresses is still there and is managed by ARDC, Amateur Radio Digital Communications. In December of 2025, ARDC launched 44Net Connect, a service intended to make it easy for hams to begin using 44Net addresses for such things as experimenting with digital modes, improving repeater infrastructure, setting up a home lab, and more. In the ensuing months, more than 2000 users have signed up and ARDC is now expanding access by doubling its number of "points of presence," or "PoPs" around the world, adding new ones in Chicago, Los Angeles, and Sydney, Australia (current ones are in Frankfurt, Toronto, and Dallas). A PoP is a physical access point that connects different networks. "The additional PoPs will expand network capacity and bring nodes closer to users in different parts of the world," explained Rebecca Key, KO4KVG, ARDC's Communications Manager. "This can shorten the distance data travels, reduce latency, and improve the overall experience."

"44Net Connect gives licensed hams a simpler way to get a static 44Net IP address without a complicated setup," adds Key. "We're seeing it used for everything from personal tinkering to club projects, education, and EmComm."

eBay Restricts Listings of Radio Equipment, but Exempts Ham-Band-Only Gear

(The ARRL Letter for October 15, 2026)

Online marketplace eBay has imposed new restrictions on listings of radio transmitting equipment in response to new FCC rules that took effect this week, *but responded to ARRL that its new policy will not apply to gear that operates exclusively on amateur radio frequencies*. The FCC's rules are intended to use its equipment authorization program to protect against "national security threats to the communications supply chain" and cover a wide variety of products.

In its Third Report and Order issued on July 23, 2026, the Commission makes clear that online marketplaces share in the legal responsibility to assure that unauthorized RF devices are not offered for sale on their platforms. The rules took effect on October 13. Moving forward, **equipment subject to FCC authorization** must have its FCC ID number submitted to the marketplace and posted with its listing. There are exemptions for posts already online, "small sellers," and used equipment, but initial messages to sellers from eBay suggested that an FCC ID would be required in order to post a listing for any equipment that transmits RF energy.

In response to a request from ARRL for a clarification relating to amateur radio equipment that does not require FCC authorization, an eBay spokesperson provided the following statement:

eBay allows the sale of devices capable of operating only on frequencies that the FCC has allocated for use by Amateur Radio Service licensees. As these devices do not require FCC equipment authorization, FCC IDs will not be required for these listings as an amateur licensee may use his or her license to operate such radios.
However, two-way VHF/UHF radio equipment capable of operating outside of the amateur frequency bands cannot be imported, advertised, sold, or operated within the United States, including on eBay, without an FCC equipment certification.
If eBay inadvertently takes action against listings for devices that don't require FCC IDs and are otherwise authorized, the affected seller should inform eBay and we will assess whether to remove restrictions from the listing.

Latest Colvin Grants Assist Youth-Focused DXpeditions

(The ARRL Letter for October 22,2026)

Two upcoming DXpeditions with a focus on young operators are the latest recipients of Colvin grants from ARRL. The grants, funded by an

endowment established by noted DXpeditioner Lloyd Colvin, W6KG (SK), are intended to support amateur radio projects that promote international goodwill in the field of DX.

The latest recipients are the upcoming VK9XY DXpedition to Christmas Island, south of Indonesia — scheduled for this November 16 through December 4 — and the VPØSG expedition to South Georgia Island, in the South Atlantic, planned for March 2027.

Ten of the 12 VK9XY operators are under age 26, and the team leader is ARRL Education and Learning Support Specialist Max Freedman, N4ML, already a veteran DXpeditioner at age 22. But the truly unique aspect of this expedition are plans for up to 40 young hams to operate the station remotely from various parts of the world, using an internet-linked "rig in a box," or RIB.

"The VK9XY team would like to sincerely thank ARRL granting us the Colvin Award," said Freedman. "It is only with this collective support from groups like NCDXF, DX Engineering, ARRL, and the community at large that we are able to bring the next generation of radio amateurs right to the bleeding edge of DXpeditioning."

The VPØSG team will also include three (on-site) young operators and will be the first amateur radio activation of South Georgia since 2016. (One young operator, Violetta Latham, KN2P, is part of **both** the VK9XY and VPØSG teams!) In addition to the challenges associated with getting to and operating from a sub-Antarctic island, the team also has to negotiate very strict environmental regulations. According to the team's website, the group is committed to "operating with the highest possible standards of environmental responsibility" while maximizing the number of unique contacts to give smaller stations a better opportunity to work South Georgia.

San Diego Balloon Launch Draws in High School Students

(The ARRL Letter for October 22, 2026)

Members of the Mt. Carmel High School Amateur Radio Club in San Diego, California, used a high-altitude balloon launch October 17 to generate interest among their fellow students and the community in amateur radio, science, technology, engineering and math. Members of the public were encouraged to track the balloon flight in real time using an app called Sondehub-Amateur, which displays telemetry from amateur radio high altitude balloon launches.

This flight, which carried the call sign K6GO, belonging to Gayle Olson, a volunteer for the ARRL Foundation Scholarship Committee and Maxim Society member, flew to an altitude of 17-1/2 miles before the balloon burst and the payload parachuted back to the ground in Julian, California, some 60 miles inland from its launch point on Fiesta Island. The launch was part of the San Diego Repeater Association's annual "Hamtastic" event, which brings together hams and clubs from throughout the region to get on the air, socialize, and demonstrate amateur radio to the public. *The San Diego Repeater Association is an ARRL Affiliated Club.*



Randy Standke, KQ6RS, prepares the K6GO weather balloon for launch during the San Diego Repeater Association's annual "Hamtastic" event in Southern California. [Photo courtesy of Gayle Olson, K6GO]



Gayle Olson, K6GO, holding the weather balloon that would carry her call sign to an altitude of more than 17 miles from its launch at the San Diego Repeater Association's Hamtastic event on October 17. [Photo courtesy of Gayle Olson, K6GO]

ARRL Partners in NASA-Funded Space Weather Education Initiative

(The ARRL Letter for October 29, 2026)

ARRL and HamSCI are participating with the University of Scranton and four other institutions in a NASA-funded initiative to advance space weather education, scientific discovery, and public engagement through amateur radio. As part of the project, ARRL will receive grant funding to develop and deliver a new Teachers Institute program on space weather, providing high school STEM educators with hands-on professional development in solar activity, Earth's magnetosphere, the ionosphere, and the effects of space weather on radio communications.

According to ARRL Director of Education and Learning Wayne Greene, KB4DSF, the four-day program will integrate real-world data from NASA missions and a network of citizen science space weather monitoring stations, allowing educators to bring authentic scientific investigations into their classrooms. Participating teachers will also help expand the network of monitoring stations at schools, enabling students to contribute to ongoing scientific research. Through this initiative, ARRL will demonstrate the important role amateur radio plays in scientific discovery while equipping educators to inspire the next generation of scientists, engineers, and radio amateurs.

The program is part of "Discovering the SPARC: Space Physics Through Amateur Radio Connections," developed by University of Scranton Professor and HamSCI founder Dr. Nathaniel Frissell, W2NAF, and funded by NASA's Science Activation (SciAct) program to the tune of nearly $5.5 million over a 5-year period. An expansion of HamSCI's successful efforts to create a worldwide network of amateur radio operators collecting and providing data to scientists studying the ionosphere and space weather, the centerpiece of SPARC will be the installation of "discovery stations" in public venues such as schools, libraries, and museums. In addition, the grant will fund the deployment of 85 "Citizen Science Space Weather Monitor" stations around the country. Other collaborating institutions include the Space Science Institute, MIT Haystack Observatory, the University of Alabama, and the New Jersey Institute of Technology.

Venusbounce (With a Message)

(The ARRL Letter for October 29, 2026)

You may be familiar with amateur radio moonbounce communication, also known as Earth-Moon-Earth or EME. But what about E**V**E — Earth-Venus-Earth? A series of transmissions from the Netherlands on October 17 and 18 resulted in the third-ever successful amateur radio EVE reception, including the first-ever reception of a message, "VENUS ECHO."

The first successful amateur radio EVE transmissions were made by Germany's AMSAT-DL in 2009, a feat not repeated until 2025 by members of the C.A. Muller Radio Astronomy Station (CAMRAS) foundation at the Dwingeloo radio telescope, PI9RD, in the Netherlands. That signal was simply a long tone transmitted on 1299.5 MHz, with the echo received back at Dwingeloo and at the Stockert radio telescope in Germany. The most recent transmissions included messages in several formats and the echoes were received at multiple radio telescopes. However, the signals were so weak that it took 40 minutes of echoes to decode the entire 10-character message.

Michelle Thompson, W5NYV, CEO of Open Research Institute (ORI), which collaborated with the Dutch team on this effort, told ARRL that bouncing a message off Venus "is a big step up from a radar return, which in its own right is a very difficult technical challenge." She explains that this is "a very challenging radio channel. It has an enormous path loss. Best case, when Venus is close to Earth, is that it's 250 dB or so at the EVE frequencies used, one way. That's roughly equivalent to the round-trip path loss for EME. So, after you deal with 500 dB path loss to Venus round trip, you have Doppler Spread. Your signal is messed up because Venus spins." (See Thompson's article, "A Day at Dwingeloo," in the October 2026 issue of *QST*, the ORI blog post on this EVE experiment, and details on the signal modulation, coding, and theory used for the successful message transmission.)

Further transmissions were planned this past week, as EVE is possible only during Venus's "inferior conjunction," when it is closest to Earth. Still, the signals must travel over 26 million miles in each direction, with a round trip at the speed of light taking roughly 5 minutes. Thompson says the next EVE opportunity will be in June 2028, and ORI is looking for interested amateurs to get involved. The eventual goal is to complete a 2-way EVE QSO.

Amateur Radio in the News

(The ARRL Letter for October 1, 8, 15, 22, 29, 2026)

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

"**Gadsden Hamfest draws amateur radio enthusiasts**" / Gadsden Messenger (Gadsden, AL), September 25, 2026 -- *Gadsden Amateur Radio Club is an ARRL Affiliated Club*

"**Amateur radio provides communications for MICL**" / The Garrett County Republican (Clarksburg, WV), September 24, 2026 -- *Garrett County Amateur Radio Emergency Service*

"**Pi Pico Recreates the Heathkit Pocket Packet**" / Hackaday (Online), September 25, 2026

"**Youth needed to ensure future PNW ham radio emergency coverage**" / Oregon Public Broadcasting (Portland, OR), July 11, 2026 -- *Clark County Amateur Radio Club is an ARRL Special Service Club*

"Feed Me, Seymour! 'Little Shop,' Ham Radios And More Take Over CSM This October" / Baynet (California, MD), October 3, 2026 -- *Charles County Amateur Radio Club is an ARRL Affiliated Club*

"Ham Fest brings amateur radio enthusiasts together in Lima" / WLIO-TV (Lima, OH), October 3, 2026 -- *Northwest Ohio Amateur Radio Club is an ARRL Affiliated Club*

"Local nine-year-old earns her Ham Radio license" / Cleveland.com (Cleveland, OH), October 1, 2026

"In a cellular world, amateur radio finds a niche in Fauquier" / Fauquier Now (Warrenton, VA), September 29, 2026 -- *Fauquier County ARES*

"Out of this world opportunity - How students in L-D High School are preparing to speak to astronauts in space" / Black Hills Pioneer (Spearfish, SD), October 3, 2026 --

"Local schools take STEM education to space through amateur radio projects" / Alachua Chronicle (Alachua, FL), October 10, 2026 -- *North Florida Amateur Radio Club is an ARRL Special Service Club*

"**University of Scranton Students 'Tear Down Borders' Through Amateur Radio**" / University of Scranton Royal News (Scranton, PA), October 13, 20206 -- *The University of Scranton Amateur Radio Club is an ARRL Affiliated Club*

"**Mosquito control pilot killed after helicopter strikes 150-foot amateur radio operator's tower in Myakka City, FL**" **/** Wireless Estimator (Online), October 19, 2026 (Also see "In Brief…" item below)

"**Ham radio buffs to gather Saturday at Fiesta Island for weather balloon launch**" **/** San Diego Union Tribune (San Diego, CA), October 15, 2026 (Also see "San Diego Balloon Launch Draws in High School Students" above) -- *The San Diego Repeater Association is an ARRL Affiliated Club*

"**When the Power Goes Out, This Montco Radio Club Stays Connected**" **/** Montco.today (Montgomery County, PA), October 20, 2026 -- *Pottstown Area Amateur Radio Club is an ARRL Affiliated Club*

"**These amateur radio enthusiasts build community over the air on Denton County's 'The Morning Show'** " **/** Denton County Magazine (Denton, TX), October 11, 2026

"**From Scranton to space: University of Scranton professor receives $5.5 million NASA grant to study impact of space weather**" **/** WVIA (Pittston, PA), October 23, 2026 (Also see "ARRL Partners in NASA-Funded Space Weather Education Initiative" above)

"**Ham radio enthusiasts tune up and tune in**" / Courthouse News Service (Online), October 23, 2026 -- *San Diego ARES®*

"**Learn Guide Update: ARISS SSTV on Fruit Jam**" / Adafruit blog (online), October 26, 2026

"**Sarasota Military Academy reaches out to International Space Station**" / Sarasota Observer (Sarasota, FL), October 25, 2026 plus **WWSB-TV** (Sarasota, FL), October 22, 2026, and **Fox13 Tampa Bay** (Tampa, FL) October 22, 2026 -- *Tamiami Amateur Radio Club is an ARRL Affiliated Club*

Local Area Amateur Radio Club Contact Information

Club Name	When	Where	Contact
Orlando Amateur Radio Club (OARC)	1st 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
Orange County ARES	2nd Thursday of each month at 7:00pm, except for December	Orange County EOC located at 6590 Amory Ct, Winter Park, 32792	John Knott, N4JTK at JKnott@oarc.org

Lake Monroe Amateur Radio Society	1st 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	2nd Wednesday of the month	Perkins Restaurant 215 W. SR 436 Altamonte Springs	Rod Cavin, W4VBK w4vbk@arrl.net
Quarter Century Wireless Club (QCWA)	2nd Thursday of the month	**Even Numbered Months:** City Buffet: 100 Live Oaks Blvd. Casselberry **Odd Numbered Months:** Perkins Restaurant 6425 University Blvd., Winter Park	Rich Wilson, WR4RW at N707rw@gmail.com
Bill Church-and-Christy Moore-CERT Team 62	4th 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.

*** **FROM THE EDITOR**: There have been several changes at the FCC such as requiring that your FRN contact information be updated within 10 days of a change. You must use the Commission Registration System (CORES), not just the LICENSE MANAGER SYSEMS. If this is your first time attempting to use the CORES system, it can be challenging but not impossible. The following articles may be helpful as you meet the challenge:

How to Renew Your License Online

(QST Magazine October 2023, pp 62-63)

Maria Soma, AB1FM, the ARRL VEC Manager, provided the following instructions on how to file a renewal application and make a payment via the FCC's new **CO**mmission **RE**gistration **S**ystem (**CORES**)

"Before you renew your license, you will need to create a new FCC **CORES** username account, and then link your FCC Registration Number (**FRN**) to your new **CORES** account. As of April 2022, the FCC charges a $35 fee to renew amateur radio licenses. You must create a new **CORES** account to pay the fee. Follow the steps below to create a new **CORES** account, and then after you complete the license

renewal application, the License Manager system will automatically direct you to the **CORES** system. Log in and pay the fee."

Setting Up Your New FCC **CORES** Username Account (before you begin, make sure you have your **FRN** number and password to that account):

1. If you haven't already created a **CORES** account, you must register a username (your email address) and a password. Visit the FCC **CORES** web page at https://apps.fcc.gov/cores/userLogin.do to set up your account. If you don't know your **FRN**, you may search for it on that web page. You will need your **FRN** for the next step.
2. Log in to your new account and click the first option, **ASSOCIATE USERNAME TO FRN**.
3. Enter your **FRN** and comment. An example of a comment is "Associating FRN".
4. Click **continue**.
5. If you know the password for your **FRN**, enter it now. This password will likely be different from the one used for your **CORES** username account. If you do not know your **FRN** password, click the **CONTACT TECH SUPPORT** link, which is next to the **FORGOT YOUR PASSWORD?** Option and underneath the **SUBMIT** button. **Please do not try more than twice, as you will be locked out of your account after repeated failed attempts.** You can also call the FCC at 877-480-3201 to have them reset your password for you.
6. Once you have completed these steps and your **FRN** has been associated with your **CORES** username, the site should bring you back to the main menu. **Log out**.

Apply for License Renewal

7. File your renewal application by using the FCC ULS License Manager system at https://wireless2.fcc.gov/UlsEntry/licManager/login.jsp. (License renewals are allowed at 90 days or less before the license expires, as well as after the license has expired while still being within the 2-year grace period.)
8. When you are logged into the FCC License Manager system and your license is in the renewal window, a box will be displayed stating **THIS LICENSE IS ELIGIBLE FOR RENEWAL**. Click the **BEGIN THE RENEWAL PROCESS** link. Follow the steps of the FCC renewal and payment process to pay the $35 application fee. Print or save the payment confirmation page, and then **Log out**. You (the license holder) will receive an email from the FCC with a link to your official license, or in rare instances, an explanation for why the renewal application was dismissed or denied. The license link will be valid for 30 days. Print out the license or down the PDF for the license to your computer.

YouTube video of this process: https://www.youtube.com/watch?v=DI8nmjRJjg4

FCC to Require Two Factor Authentication for CORES Users

(The ARRL Letter for March 21, 2024)

The Federal Communications Commission (FCC) has announced an upcoming change to the Commission Registration System (CORES) that licensees use to pay any application or regulatory fees, manage or reset a password on an existing FRN, or request a new FRN. Beginning March 29, 2024, multifactor authentication will be implemented. Users will be prompted to request a six-digit secondary verification code, which will be sent to the email address(es) associated with each username. The user will then need to enter the code into CORES before they can continue.

In a public notice, the FCC said this change will make the system more secure. "This additional layer of security will further safeguard against unauthorized access, thereby enhancing the overall integrity of information contained within the CORES system and improving the security of user data," it read.

The FCC recommends that users confirm they have access to their username account email and to add a secondary email address, if need be.

Resources are available for those who need assistance with the system. For inquiries or assistance regarding the implementation of multifactor authentication on CORES, submit a help request at https://www.fcc.gov/wtbhelp, or call the FCC at 877-480-3201 (Monday through Friday, 8 AM to 6 PM ET).

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).

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" @ $15.00 each

Name: _____ Call _____

All badges are to be picked up at the General meeting or add $7.00 for shipping & handling.
(Shipping only available to those members outside of Orange, Lake, Seminole, and Osceola Counties)

Shipping & Handling: [ ] Yes [ ] No

Badges _____ S&H _____ Total _____


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