



The Listening Post



Dedicated to Community Service and All Central Florida Hams May 2025

President's Message

Greetings!! I hope everyone is doing well. We look forward to seeing everyone at our next meeting, this Wednesday, April 7 at 7:30pm at the Beardall Senior Center.

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OARC MEETING

Wednesday, May 7, 2025, 7:30pm

William Beardall Senior Center

800 South Delaney Avenue,
Orlando, Florida 32801

License Exams: 5:30pm

For information & Updates

See www.oarc.org

OARC Board of Directors

President: John Knott, N4JTK

Vice President: Michael Cauley, W4ORL

Treasurer: Ana Groe, KM4JVE

Secretary: Bob Nocero, W4KBW

Directors:

Bob Cumming, W2BZY

James Deuel, N0XIA

Frank Gergits, KC9GNQ

Christy Moore, KN4MDM

Frank Tagliani, KD4EZW

Ed Thralls, NE4H

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

Editor: Ed Thralls NE4H.

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

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

OARC REPEATERS

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

** Wires-X Gateway

D-Star

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

* Linked to reflector REF037C

All D-star repeaters are connected
REF037 is sponsored by OARC

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

info@oarc.org

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

Don't forget about our test session at 5:30pm, also on Wednesday.

Field Day is coming up. As mentioned before, we will be teaming up with LMARS (Lake Monroe Amateur Radio Society) again, this year at Central Winds Park. We need volunteers to help set up and tear down and of course the most important part, we need volunteers to operate. Here is the link to sign up for both setup and tear down and operating.

<https://www.signupgenius.com/go/10C0948ADA82FA7FCCE9-56388708-field>

More information on Field Day will be discussed at this month's meeting.

Our joint Ham Radio Class is coming up May 31 and June 1 and we have 22 people signed up for it. This is great! This is our first class since the pandemic and it's awesome seeing such a great turn out. We still need help with instructors, if interested, even if you don't help this class, please contact me.

Lot going on in preparation for Hamvention® in two weeks. HamCation® will be represented at Hamvention again this year and tickets will be available for the HamCation-2026 show! It's funny how fast the days go by!

Keeping it a little short this month because of a lot going on, hope to see you Wednesday night!

73,

John Knott, N4JTK

ARRL Field Day --- June 28-29, 2025

(By Ed Thralls, NE4H)

This month's program will be about the upcoming ARRL Field Day. It will be held during the last full weekend of June (June 28-29 this year).

A short while ago, many members responded to a survey that the OARC President, John Knott, N4JTK, emailed to us all. There were some interesting results of that survey, and some will be discussed, and several comments will also be discussed.

At last month's meeting, we learned that we will be joining Lake Monroe Amateur Radio Society (LMARS) once again in a team effort to educate, train, participate and mainly have fun doing ham radio stuff with other hams. And when you get down to it, that is what Field Day is about.

Rich Wilson, WR4RW, is the Chairperson for the LMARS Field Day event. He will share more information with us about what to expect this year. A lot of the information Rich will cover will be posted on the [LMARS website](#).

Don't miss this meeting. I hope to see many of you at ARRL Field Day 2025.

Our Club is Growing – Birthdays (By Rick Peron, KM4KQQ, Membership Chairman)

Birthdays this Month



Hampton Paulk
K3NON Paul Branch
K5MJH Michael Hudzik
KC4AQF Thomas Gandy
KD8TF Jeff Hodgson
KI4BTD Doug LaMore
KK4OLA Joseph Foley, Jr
KN4LSS Robert Dodrill
KP4WR Jesus Marrero
KQ4YHB John P Mazzotta
N2APE Sean Thompson
WD4ORM George Markward
KQ4TJK Christopher Blickensderfer

AC4JL James C Lowe
K4GPM Rob Matheison
KB3NS Benjamin Schmidt
KD0KDT Kevin Shannon
KG4JSZ James Schilling
KJ4UDO Michael Banigan
KN2D Ken Countess
KO4RHX Madison Williams
KQ4SQZ William C Young
MOTJK Roger Tuffin
W2EHS Fred Salzman
KM4KQQ Rick Peron
KO4MLX Bob Grosso
KQ4NZC Todd Ludington
KT5JM James Morin
N4PRB Angel Carrion
WT1K Laura Petrie

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.

Family, Blind or 21-and-under-discounted memberships are not applicable for any discount.

This may not be combined with any other promotion or special offer.

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 5/30/2025**First Name Last Name/Call**

Nelson Arias/KQ4PZB
 Jason Bowers/KQ4RVJ
 Jason Cardwell/KJ4ZU
 Amy Cardwell/KJ4AMY
 Ken Countess/KN2D
 Randy Ellington/KD8J
 Michael Gotschall/KV4RA
 Nick Lane/KZ4HD
 Doc Maris/W9KCM
 John Paff/AF4PJ
 Mathew Smith/KQ4RQE
 Rita Van Trump/KC4YJM
 Roger Zubarik/KJ4LYY

Expiring 6/30/2025**First Name Last Name/Call**

Michael Kooiman/WY1E
 Robert Boyett/KJ4ECW
 Derek Brodeur/W4VXH
 Lisa Ellis/KQ4SRA
 Jose Gonzalez/NC2J
 Dennis Lynch/KO4RID
 Kenneth Lyons/KN4MDJ
 Trista Lyons/
 Oscar Palau, Jr/KQ4SIA
 Stephen Toth/KO4RIC
 Kim Wells/K3OCM
 William C Young/KQ4SQZ

Expiring 7/30/2025**First Name Last Name/Call**

Joseph Foley, Jr/KK4OLA
 Ben Goldfarb/AE4NT
 Donald Haag/KI4ZS
 Eric Linson/KQ4ROU
 Sharon Tagliani/KE4ST
 Atilano Villar/KB2NGX

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***

Neil Monday/KR4COQ

GENERAL CLASS*

Keagan Bowman/KQ4VWE
 Wayne Roberts/KR4CAP

Sean Henry/KR4CAJ
 Chris Wolf/ KR4CKS

TECHNICIAN CLASS **

Paula Hamilton/KR4DAE

* 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 W9TAX David Corral W2BZY Bob Cumming KT3S Den Ardinger
 N2KIQ Paul Kronenwetter WR4RW Rich Wilson W4VBK Rod Cavin NE4H Ed Thralls
 WD4ORM George Markward WY1E Michael Kooiman

OARC Meetings and Events 2025

Important Meeting Information

| | |
|-------------------------------|---|
| May 7, Wednesday | License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: ARRL Field Day This presentation will be presented by OARC members and will discuss the recent survey sent to club members and the upcoming Field Day and OARC participation. |
| June 4, Wednesday | License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: Solar Activity: By the Numbers By: Rob Suggs, NN4NT |
| June 28-29, Saturday - Sunday | Location: TBD Set up on Friday afternoon, June 27th |
| July 2, Wednesday | License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: Operating in a Foreign Port By: Jeremy Bouse, KQ4AFY |
| August 6, Wednesday | License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: ASK an ELMER (Q&A Session) This presentation will be presented by OARC members. Are you new to Ham radio and have questions? Have you been a Ham radio operator for several to many years and still have questions? This is the night you will want to be at the meeting. Get your questions answered by seasoned Ham radio operators, which could be any one at the meeting. |
| September 3, Wednesday | License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: Power, Current, Voltage, and Resistance (PIER) Review Method of Circuit Analysis By: Eric Nichols, KL7AJ |

| | |
|-----------------------|--|
| October 1, Wednesday | <p>License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: Remote HF Station Ideas and Building Blocks for New Hams & Remote Operating By: Mike Walker, VA3MW</p> |
| November 5, Wednesday | <p>License Exams 5:30pm Meeting 7:30pm at the Beardall Senior Center Program: Building an Off-Grid Remote Ham Radio Site By: Bruce Perens, K6BP</p> |
| December 6, Saturday | Holiday Party |

ASK AN ELMER

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

Field Day: June 28 – 29

(By Rich Wilson, WR4RW, Field Day Chairperson - LMARS)

FIELD DAY 2025 — “Radio Connects” is the theme for our Field Day this year. This year we are going to have a larger Field Day than in the past couple of years, as will be inviting OARC to join us for the fun. Whether you are a seasoned Field Day “veteran” or someone new to the club, there is something for everyone at LMARS Field Day.



Field Day is part picnic, campout, emergency practice, and most of all FUN! For a lot of LMARS members, Field Day is the highlight of the year and the club’s premier operating event. Have you ever put together a beam antenna and raised it up on a tower? Have you ever operated CW, or FT8, or satellites? You can do all these things and more on Field Day. It’s a great chance to learn what a new mode is all about or operate on a different band than you use at home. If you have never operated HF, you can do so at Field Day, and you don’t have to have a higher-class license. Anyone can operate our stations on any band, and we will show you how. There’s even a Get on the Air (GOTA) station for folks who haven’t operated recently or who aren’t licensed at all.

Whether you plan to operate radios, or help with setting up of antennas, or just want to socialize, Field Day is the event for you. And you will not go home hungry.

This year, as in past years, we will have 5 stations: 20 meters voice, 40 meters voice, CW all bands, digital, and a CW station operated by our talented blind hams.

So please save the weekend of June 28 - June 29. The event will be at Central Winds Park in Winter Springs. There will be more information as we get closer to Field Day so see you there! [LMARS Field Day Web page](#)

For more information about FD-25, see the last two pages of The Listening Post.

Hams in the Park – POTA in the Park: May 24

**(By Joe Marsh, KQ4AID, Board of Directors - LMARS)
jhmarshfla@gmail.com 407-454-1520**

We will have our first ever POTA (Parks on the Air) in the Park on May 24. This will be a friendly and fun club event where we can guide interested members in a POTA activation.

- When: May 24, 2025
- Time: 9:00am - 1:00pm (Setup at 8:30)
- Where: Little Big Econ Trailhead, 951 Barr St, Oviedo, FL 32765
- POTA Parks #: US-4630, US-4559
- Maps link: <https://maps.app.goo.gl/wLnXSa6ncjGEaVm18>
- Contact Info: John-Paul Craig (KZ4JW), jpbhc@pm.me , 407-852-8142

We ask those who think they may be attending to register. There are also a few prerequisites such as having a logging program and having a POTA account. We also ask that you bring a couple of items with you.

FULL details are on the web site: <https://www.lmars.org/annual-events/pota-in-the-park-hams-in-the-park>

The basic plan is....

I will provide my IC-7300 and antenna as one station capable of 10m-40m contacts.

If anyone else would like to provide equipment (MAX 2 total to limit interference), we could run an additional station. For this event only, I'd like to not have additional people setting up until we've at least finished the intro sessions. We can then break up into groups of 2-3 and work together to get 10-15 contacts per station (10 are required to be a POTA "activation" officially). We will try to prioritize those who have never done POTA to finish first.

We will then do a demo of logging into the POTA website and submitting logs per group. I will also bring my laptop for this demo, but I encourage participants to have a POTA account and a logger (HAMRS, HAM2k Polo, World Radio League, etc) initially configured beforehand. But we can deal with it if not.

After we get everyone their required contacts, we can play it by ear and either just launch into an informal Hams in the Park, or continue working together to pad the numbers, etc.

If you think you would like to attend, please register. FULL details are on the web site: <https://www.lmars.org/annual-events/pota-in-the-park-hams-in-the-park>

Program Lead: John-Paul Craig (KZ4JW)
jpbhc@pm.me
407-852-8142

Would You Like to Learn CW?

(By Dave Hillebrandt, W4CI, dave24music@gmail.com, LMARS)

A few of members at LMARS have asked me about holding a CW class. The answer is "Yes", I will host a CW class and help you learn CW easily.

The current plan is to hold the class via Zoom for 20-30 minutes each week around 8:00pm. Start date is to be determined once we can see what works best for others.

The goal is to cover five to six letters per week and maybe one number and/or punctuation. This way it is easy to keep focus and not overwhelming. It is meant to be fun and low stress.

If you're interested send me (dave24music@gmail.com) your email address and I will add you to the list, and keep you updated on the details. If you need anything, please reach out.

Fram2 Astronaut Conducts First Amateur Radio Contacts from SpaceX Dragon

(The ARRL Letter for April 3, 2025)

Rabea Rogge, LB9NJ/KD3AID, a private astronaut on the crew of the [Fram2 mission](#), has conducted the first amateur radio contacts from aboard a SpaceX Dragon capsule. The Fram2 flight sets many firsts, including being the first crewed mission to do polar orbits of the Earth, and Rogge became the first German woman in space.

The mission is funded and commanded by cryptocurrency billionaire Chun Wang. He wrote on X (formerly Twitter) about the first day of the mission, "Rabea spent some time on the ham radio, making contact with Berlin."

Rogge is using a battery powered Icom IC-705 aboard the flight. She's transmitting SSTV images on 437.550 MHz for a youth amateur radio competition called Fram2Ham. Rogge will send images from polar regions that have been broken into digital puzzle pieces, which students must assemble.

More information can be found on www.fram2ham.com.

ARRL Learning and Education Programs in Front of 15,000 Science Teachers

(The ARRL Letter for April 3, 2025)

ARRL Learning and Education Manager Steve Goodgame, K5ATA, attended the National Science Teachers Association convention held in Philadelphia, PA, March 26 – 29th. More than 15,000 education professionals from around the world were in attendance. ARRL had a booth in the exhibit hall to promote the [ARRL Teachers Institute on Wireless Technology](#).

Goodgame spoke to several hundred highly qualified and interested teachers about ways to elevate their STEM curriculum using radio. Additionally, several state and district level officials expressed interest in hosting a session of Teachers Institute.

The first components of the new ARRL STEM Curriculum were also unveiled and shared with teachers. Teachers were excited to have access to a curriculum utilizing electronics and amateur radio that was aligned to national education standards. The curriculum will be available beginning with the 2025/2026 school year.

***The ARRL Repeater Directory*® – 2025 Edition Now Powered by RepeaterBook**

(The ARRL Letter for April 3, 2025)

ARRL is excited to announce that the new 2025 edition of [The ARRL Repeater Directory](#)® is now powered by [RepeaterBook](#), amateur radio's worldwide repeater database.

"This collaboration ensures that amateur radio operators across the country have access to one of the most comprehensive and up-to-date collections of repeater information available," said Garrett Dow, KD6KPC, of RepeaterBook.

Dow points out that a paper book is an invaluable resource When All Else Fails®. “In emergencies, reliable communication can make all the difference. RepeaterBook data in *The Repeater Directory* helps ensure that first responders, ARES® teams, and everyday hams have fast access to the most accurate repeater info when it matters most,” he said.

For decades, *The ARRL Repeater Directory* has been an invaluable source for locating repeater frequencies while traveling. It includes “crowdsourced” listings contributed to RepeaterBook by users, repeater owners, and volunteer frequency coordinators. This means more listings updated more often.

New hams often use the *Repeater Directory* to find local repeaters to use after purchasing a new handheld radio. Public service volunteers often keep a copy nearby or in their emergency go-kit.

The ARRL Repeater Directory is a convenient 6 × 9 inches and sports a lay-flat spiral binding. It includes:

- 22,319 listings for US and Canada, organized by state/province, county, and city/town.
- A location indicator for many repeaters in cities/towns.
- Additional information on ARES® and SKYWARN® affiliation, emergency power, and more.
- Digital repeaters including System Fusion, D-STAR®, DMR, NXDN, M17, Tetra, and P25 systems.
- HF, VHF/UHF, and microwave band plans.
- Information on Radiograms and updated ARL codes.

The 2025 ARRL Repeater Directory is now shipping. Order from the ARRL [online store](#) or find an ARRL [publication dealer](#); ARRL Item No. 2158, ISBN: 978-1-62595-215-8, \$19.95 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.

For more information about RepeaterBook, visit www.repeaterbook.com. The RepeaterBook app is available on both the Apple App Store and Google Play.

HamSCI Call for Operators and Monitors 2025 (The ARRL Letter for April 3, 2025)

HamSCI, Ham Radio Science Citizen Investigation, is preparing now for a series of meteor scatter (MS) experiments later this year and need amateur radio operators to help.

While the target storms are in August (Perseids) and December (Geminids) preparation and testing is already underway. This is a combination 'special event' and a contest to generate contact data during meteor scatter events using 10 meters and 6 meters. 2025 contest rules will be released shortly.

To be successful, this effort needs operators, both active and passive. Operators are needed to be active (calling CQ) on MSK144 or passive, if possible, reporting via [PSK Reporter](#) as 'monitors'.

The best times are early morning hours prior to 10M opening to F2 propagation. Meteor scatter propagation occurs well below F2 and is supported in or near the E layer where the meteor ionization tracks occur. Saturday mornings are being used regularly to announce and coordinate 10M contacts using [Ping Jockey Central](#). Announcements are also made on the Front Range Six Meter [groups.io](#) due to the substantial number of meteor scatter operators in that group.

The upcoming April-Lyrids shower is an excellent time to set up your equipment and join with other operators preparing for the events later this year. If you do not have the time to be active, at least set up passive reporting. PSK Reporter currently has scarce 10M MSK144 monitors; so we need to increase those numbers during the early morning hours. Eventually, the HamSci team will be collecting operator contact information, but for now, all that is required is for participants to report through PSK Reporter. For more information on the operating guidelines for the activity, please visit [Meteor Scatter QSO Party Guidelines | HamSCI](#).

HamSCI serves as a means for fostering collaboration between professional researchers and amateur radio operators. It assists in developing and maintaining standards and agreements between all people and organizations involved. Its goals are to advance scientific research and understanding through amateur radio activities, encourage the development of modern technologies to support this research and provide educational opportunities for the amateur community and the public.

For more information about HamSCI and to join our mailing list, please visit our website www.hamsci.org.

The Nashua Area Radio Society's Ham Bootcamp **(The ARRL Letter for April 3, 2025)**

The [Nashua Area Radio Society's](#) Ham Bootcamp will be held Saturday, May 10, 2025. The online event, from 10 AM - 6 PM EST, is open to everyone and designed for newly licensed hams, experienced hams or anyone just exploring the

hobby. Bootcamp will offer demonstrations and tutorials, including building a station, getting on the air, and VHF equipment and activities. Special sessions include FT8, emergency communications, and operating via satellites. Whether you're interested in local communication, DXing, contesting, or just having fun on the air, there's something for everyone. For more information or to register, visit; www.n1fd.org/ham-bootcamp.

The Zoom link will be sent upon registration.

ARRL Iowa Section Wins Ham Exemption From Handsfree Law (The ARRL Letter for April 10, 2025)

ARRL volunteers in the Iowa Section have cause to celebrate. Their state-level advocacy work on behalf of amateur radio has resulted in an exemption to the state's handsfree law that covers ham operators.

Iowa Senate File 22 (SF22), a bill addressing distracted driving, had been in development since 2020. Former ARRL Section Manager Lelia Garner, WAØUIG, and Iowa Section State Government Liaison Alan Erickson, WBØOAV, played a crucial role in fostering and maintaining key legislative relationships. Over the course of five years, they navigated the legislative process to ensure the continued exemption for amateur radio operators.



The COVID-19 pandemic and political opposition to the measure ground the bill to a halt, but the ARRL Iowa Section volunteers continued to engage in the process and ensure that amateur radio was represented as the legislature finally took the bill back up. The final language of the bill included, "The provisions of this subsection do not apply to ... A person using a two-way radio transmitter or receiver who is licensed with the federal communications commission in amateur radio service."

Being proactive about sharing the good work amateur radio operators do was key. "We presented a carefully crafted exemption proposal, backed by evidence of our contributions as a radio service," said Garner.

The texting bill (SF22) passed the Iowa Senate with a vote of 47-1 on March 18, 2025, and the Iowa House passed it on March 26, 2025 with a vote 54-11. On April 2, 2025, it was signed by Governor Kim Reynolds and goes into effect July 1, 2025.

The process encouraged Erickson. "Every legislator I spoke with appreciated the public service that licensed amateur radio provides. They also acknowledged the responsibility demonstrated by amateur radio operators. I was impressed by their willingness to exempt amateur radio from their texting bill, and was also humbled that we have a duty to preserve this awesome reputation."

The Annual Armed Forces Day (AFD) Crossband Test, Hosted by the Department of Defense, is Scheduled for Saturday May 10, 2025

(The ARRL Letter for April 10,2025)

The event will test two-way communications between military stations and amateur radio operators as authorized by the Federal Communications Commission in Title 47 of the Code of Federal Regulations [47 CFR 97.111](#). The tests provide opportunities — and challenges — for operators to test their individual technical skills in a controlled scenario that will not impact public or private communications. The annual DOD message will be transmitted via RTTY on 14,667 kHz at 1400 and 2000 UTC.



Military stations will transmit on selected military frequencies and announce the specific amateur radio service frequencies that will be monitored. All scheduled times will be in UTC, and all scheduled frequencies will be upper sideband (USB), unless otherwise noted. For more than 50 years, military and amateur stations have taken part in this event. Information on frequencies, times, and other technical information can be found at [DoD MARS - Armed Forces Day](#). A QSL card will be available in May after the test at www.usarmymars.org/home.

ARRL Files Comments Responding to FCC Request for Input

(ARRL Bulletin 5 ARLB005 April 15, 2025)

ARRL The National Association for Amateur Radio filed comments with the Federal Communications Commission in response to its request for public input on alleviating unnecessary regulatory burdens by deleting or modifying rules, "In the Matter of Delete, Delete, Delete." Implementing ARRL's suggestions would promote and protect the art, science, and enjoyment of amateur radio, and enhance the development of the next generation of radio amateurs.

The comments can be found online in PDF format at: https://www.arrl.org/files/file/Advocacy/ARRL%2025-133%20Comments%2004_11_2025.pdf

In response to ARRL's request, over 200 members submitted suggestions that were reviewed when considering what rules should be deleted or modified. ARRL will continue to engage with members and advocate for the Amateur Radio Service.

In its filing, ARRL asked the FCC to delete or amend the following rules:

***Delete the LF and VHF/UHF Symbol (Baud) Rate and Bandwidth Limitations**

ARRL supports the deletion of these restrictions as proposed by the Commission in late 2023. Doing so would enhance Amateur experimentation with digital technologies.

***Update and Modernize Entry Level Technician Class License Privileges**

ARRL reiterated its earlier proposal for extending additional limited privileges for Technician class operators. Adopting its proposal would provide new licensees an introductory window to HF data and phone communications that are at the core of the Amateur Radio experience and serve to incentivize the next generation of technical leaders just as Novice CW HF privileges did for earlier generations of operators.

***Modernize 80/75 Meter Subband Divisions**

ARRL requested action on an earlier proposal that would make more efficient and intense use of the 80/75 meter band. Changes in technology and modes since band usage was last addressed have resulted in overcrowding in one band segment that would be alleviated by adoption of ARRL's proposal.

***Delete and Replace Obsolete Digital Code Limitations**

ARRL also asked the FCC remove provisions that refer to digital codes that today are obsolete and permit Radio Amateurs to experiment freely with new digital codes, so long as such codes are publicly documented and decodable over the air.

***Implement Changes to Third Party Rules Adopted Internationally at WRC-03**

Although the United States fully supported changes to the ITU Radio Regulations in 2003 that removed a treaty requirement for third-party messages, there is no record of this change having been considered and the FCC's rules were never conformed to the new provision. Being the only nation known to continue to require a formal treaty for such purposes has resulted in no new such treaties for since the treaty changed more than two decades ago. Thus ARRL asked the FCC to Implement rules that are consistent with those internationally agreed to align with the rest of the world.

***Delete Amplifier Drive Limitation**

ARRL requested that the Commission act favorably on a pending proposal to remove limits HF amplifier gain that add to Amateur equipment cost and impede use of new efficient amplifier technology.

***Remove Non-current Personal Information in Amateur ULS records**

ARRL requested that the FCC complete a rule making in which it proposed that only current licensee information to be visible in the public (ULS) database. Right now, if an amateur changes their address to a Post Office Box to shield their home address,

the previous address remains visible. ARRL advocates for protecting the privacy of radio amateurs.

***Delete Obsolete Identification Requirement for Special Call Signs**

Users of special event call signs are required to identify with the FCC-issued responsible call sign at least once each hour. This can be confusing, especially on data and CW modes. ARRL proposed reliance on the web-based database that clearly identifies each special event call sign and authorized period of use.

***Delete Obsolete Paper License Replacement Provision**

The FCC no longer mails physical copies of amateur radio licenses, so ARRL suggested deleting the rule that provides for sending paper replacements as obsolete.

The FCC notice generated a lot of interest among radio amateurs, with hundreds of Amateurs submitting comments directly to the FCC as well as responding to ARRL's request for suggestions.

The FCC Notice can be found online in PDF format at: <https://docs.fcc.gov/public/attachments/DA-25-219A1.pdf>.

The FCC deadline for filing reply comments is April 28, 2025.

It is hoped that the Commission will incorporate worthy suggestions in a future Notice of Proposed Rulemaking (NPRM) later this year. At that time there will be a new opportunity for public comment on the specific rules that the Commission proposes to delete or modify.

Rescue on Mount Umunhum

(The ARES Letter for April 16, 2025, Jeff Miller, AJ6LG, Los Gatos, Ca.)

The brilliant blue skies of Saturday, February 22, were a welcome relief from the storms and rain of previous weeks in California. Members of the San Jose Simplex Group, a loose affiliation of hams who join a Thursday night rag chew hosted by Tom Nichols, KQ6OT, on 146.520 MHz, were heading to the top of Mount Umunhum to make VHF contacts, encourage participation by new hams, and talk face-to-face. Some members arrived early to set up masts and radios, and as the morning progressed, others arrived at their own pace.

Mount Umunhum is one of the highest peaks in the Santa Cruz Mountains. At 3,486 feet, it is topped by a radar tower which was once part of the West Coast's missile defense system. Though within a 30-minute drive of San Jose, its terrain is rife with RF holes, making cellular phone service dubious at best.

Sal Mancuso, W6SAL, was starting up Mount Umunhum Road to the summit and had just spoken with Mallory Sartuche, KK6IXB, on the WA2IBM 2-meter repeater trying to reach her father Tom, KQ6OT. About five minutes later, Sal came upon a bicycle in

the drainage ditch and a bloodied cyclist climbing out of the grass on the opposite embankment. Sal could tell right away the rider was banged up badly. His cycling bibs were torn up, his face and hands were bleeding, and he had apparently been in and out of consciousness. Though the cyclist kept saying he was fine, Sal could see otherwise and called 911, only to find he had no cell signal.

Wasting no time, he made an emergency call on the WA2IBM repeater, opting for the repeater over simplex because it was in a good line of sight, and he had been talking with Mallory on it moments before. He also knew it was likely that others of the group heading up the mountain were also monitoring.

Mallory said she would open a landline to first responders but would hold off on sending them until Sal gave the go-ahead. Scott Kennedy, KN6KHV, who was about 10 minutes behind Sal, jumped on the radio to say he was equipped with a full first aid kit and was also on the phone with 911 relaying Sal's messages about the cyclist. From the mountaintop, Butch Kittle, K6WEF, established a controlled net on the repeater to ensure that the frequency was clear for the emergency traffic.

On the roadside, Sal applied pressure to the cyclist's facial wounds to slow the bleeding, reclined him on his truck's tailgate, and radioed updates on the cyclist's condition to Scott who, using his speakerphone, allowed 911 dispatch to hear Sal's condition report. At one point, the dispatch asked if the cyclist had a pulse, which Sal confirmed from the rider's Apple watch. It was clear by that point that he was seriously injured, and the emergency responders were rolled.

While waiting for the paramedics, all Sal and Scott could do was to comfort him, crack some jokes, and try to be supportive, but as they waited, the cyclist began to go into shock and shake violently. They wrapped him in a windbreaker and towels to keep him as warm and comfortable as possible and applied an ice pack to the cheek and eye to keep the swelling down. Other cyclists also stopped to help, and seeing the cyclist's helmet cracked and broken, they felt that the rider's condition would have been more dire had it not been for its sacrifice.

The Mid-Peninsula Open Space Rangers arrived about 10 minutes later and began traffic control. Upon arrival, first responders from both the San Jose Fire Department and CalFire took over treatment, and because of the location, decided it would be best to transport the injured cyclist by ambulance rather than from the helipad at the summit.

At that point, Sal and Scott could offer no more support and relinquished the scene to the first responders. Once the cyclist was loaded on a stretcher, Sal radioed that the cyclist was stable and with paramedics, and that Butch could release the repeater to regular use. As the ambulance departed, Sal, Scott, and the other hams resumed their trip to the top where they met, played with radios, explored the former radar installation, and socialized.

Sal, Scott, Mallory, Butch, and other hams involved all expressed satisfaction that their communication skills and preparedness were used giving aid to someone in need. Afterward, Sal expressed gratitude for the amateur community and its ability to respond quickly and professionally: "While the weekly Almaden Repeater Club check-ins and San Jose Simplex Group rag chew are fun, they also teach us how to communicate and, more importantly, help us become familiar with and use our gear so we are ready when emergencies happen."

Mike the cyclist, when coherent, expressed his sincere appreciation to Sal and others, as well as a desire to pay back in some way. It was suggested that when he was sufficiently healed, a coffee might be arranged and a bit more relaxed introduction to ham radio might be in order.

ARRL Documents Next Generation DXing Program at International DX Convention

(The ARRL Letter for April 17, 2025)

The [76th International DX Convention](#) was held in Visalia, California, from April 11 – 13. A major focus of this year's conference was the future of DXpeditions. A full day of informative presentations was focused on the Next Generation DXing Program.

ARRL was there to engage with members and document the sessions on video. The first of many [NextGen DX presentations is available now on the ARRLHQ YouTube channel](#). The playlist will be built out in coming days with the rest of the material.

Session 1 focuses on mission planning. The forum is moderated by noted DXer Ned Stearns, AA7A, who also serves as ARRL Vice Director for the Southwestern Division. The panel includes George Wallner, AA7JV; Don Greenbaum, N1DG, and ARRL Radiosport and Regulatory Affairs Manager Bart Jahnke, W9JJ. Each of the four experts share their perspective on the current state of DXpeditions and what evolving technology and regulatory situations mean for the future.

Even if you never plan to go on a DXpedition, the information in these sessions will give you deep insight into what goes on into making one of these far-flung activations happen. The panelists hope that some may even be inspired to enter the world of operating from rare entities.

World Amateur Radio Day – International Amateur Radio Union Formed 100 Years Ago

(The ARRL Letter for April 17, 2025)

April 18th is honored as [World Amateur Radio Day](#) (WARD), when we celebrate the founding of the International Amateur Radio Union (IARU). The organization was born out of a meeting in Paris on April 17, 1925. ARRL took a leadership role in its founding, with ARRL Founder Hiram Percy Maxim, then 1AW, serving as the first President of IARU.



As reported by Kenneth B. Warner, 1BHW, in the June 1925 edition of QST:

The International Amateur Radio Union, the dream of years, came into existence on April 17, 1925, when the delegates of twenty-three nations met at the Faculte des Sciences in Paris in the First International Amateur Congress. The Union has adopted a constitution, its officers have been elected and four national sections have been formed and recognized. Its objects lie along lines that will promote and co-ordinate two-way radio communication between the amateurs of the various countries of the world. Membership is by individuals, and anyone interested in the objects of the Union can become a member. In each country from which there are 25 or more members, is there to be a National Section, like divisions in the A.R.R.L., each with its National President and these National Presidents with the Executive Committee, constitute the Board of Directors of the Union. Our A.R.R.L. president, Mr. Hiram Percy Maxim, u1AW, was elected International President

Amateur Radio in the News

(The ARRL Letter for April 3, 10, 17, 24 2025)

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

["Volunteers dialed into emergency readiness"](#) / Spectrum 1 (Ohio) March 23, 2025 -- The Cuyahoga County Amateur Radio Emergency Service.

["Amateur Radio Club hosts NWS storm spotter training"](#) / WMBD (Illinois) March 29, 2025 -- *The Peoria Area Amateur Radio Club is an ARRL Affiliated Club.*

["Ham radio operators stand by for contact as SpaceX Fram2 polar mission passes over Australia"](#) / ABC News (Australia) March 31, 2025 -- Shane Lynd, VK4KHZ,

amateur radio operator for the Amateur Radio on the International Space Station (ARISS) network.

["Ham radio operators needed in Shenandoah County"](#) / WHSV3 – TV (Virginia) April 3, 2025 -- Shenandoah County Fire & Rescue.

["Connecting ham radio operators and newcomers in Montana"](#) / KPAX – TV (Montana) April 3, 2025 -- *The Great Falls Masonic Radio Club is an ARRL Affiliated Club.*

["Severe Storm Leaves Local Amateur Radio Enthusiast's Home Uninhabitable"](#) / The Village Reporter (Ohio) April 4, 2025 -- *The Williams County Amateur Radio Association is an ARRL Affiliated Club.*

["Faculty Member Helps Area Students Contact Astronaut Aboard International Space Station"](#) / University of Arkansas News (Arkansas) April 4, 2025 -- *The Amateur Radio Club of the University of Arkansas, an ARRL Affiliated Club, and the Bella Vista Amateur Radio Club.*

["Ham Radio Open House tunes in Friday"](#) / The Parkersburg News and Sentinel (West Virginia) April 15, 2025 -- *The Parkersburg Amateur Radio Klub is an ARRL Affiliated Club.*

["IARU centenary: Amateur radio services at the forefront"](#) / International Telecommunications Union (Switzerland) April 15, 2025 -- International Amateur Radio Union.

["Local Amateur Radio Club to host open house"](#) / Herald – Standard (Pennsylvania) April 18, 2025 -- *The Uniontown Amateur Radio Club is an ARRL Affiliated Club.*

["Celebrating World Amateur Radio Day"](#) / The Marietta Times (Ohio) April 19, 2025 - *The Parkersburg Amateur Radio Klub is an ARRL Affiliated Club.*

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

Kevin Jackson, AA3XV, aaexv@aol.com

Orlando, FL

Cell Phone: (301)-461-3950

Item #1 FT-817 all mode, HF/VHF/UHF transceiver in original box in original box with all accessories, original manual and soft case. **\$500**

Item #2 FT-817 all mode, HF/VHF/UHF transceiver in original box in original box with all accessories, original manual and soft case. **\$500.00**

(Note: These two FT-817's are in great condition as they have had very light use for amateur satellite operations in a fixed station.)

Item #3 13.8V, 45Amp radio power supply (MFJ 4245) **\$50.00**

Item #4 Lab Bench Variable Power Supply 0 to 30VDC, 3Amps with adjustable current limit. **\$50.00**

It is a new year and there is a new procedure for listing "Swap/Shop/Sell/Trade" items in *The Listening Post*.

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

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

Item #1: (Description)

Asking price: \$

additional comments

Item #2: (Description)

Asking price: \$

additional comments

Or

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

EXAMPLE:

Ima Ham, WX4XYZ, Ham@gmail.com

Item#1: Looking for hand microphone for Kenwood TS-520 transceiver
Willing to pay up to \$25, including shipping

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

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

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

Local Area Amateur Radio Club Contact Information

| Club Name | When | Where | Contact |
|---|--|--|---|
| Orlando Amateur Radio Club (OARC) | 1 st Wednesday of the month at 7:30pm License Testing at 5:30pm | Beardall Senior Center 800 S. Delaney, Orlando, FL | Bob Nocero, W4KBW at info@oarc.org |
| Lake Monroe Amateur Radio Society | 1 st Thursday of each month at 7:00pm | Winter Springs Civic Center - 400 North Edgemon Avenue, Winter Springs, FL | Joe Marsh, KQ4AID at LMARS.ARC@gmail.com |
| Bahia Shriners Amateur Radio Unit | 2 nd Wednesday of the month | Perkins Restaurant 215 W. SR 436 Altamonte Springs | Rod Cavin, W4VBK w4vbk@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 |

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

| Frequency | Power (Watts) | Antenna | Location |
|---------------|---------------|-----------------|----------|
| 144.277 MHz | 20 | Horizontal Loop | EL98HN |
| 222.056 MHz | 10 | Horizontal Loop | EL98HN |
| 432.307 MHz | 20 | Horizontal Loop | EL98HN |
| 902.400 MHz | 4 | Egg Beater | EL98HN |
| 1296.025 MHz | 25 | Egg Beater | EL98HN |
| 10368.015 MHz | 3 | Wave Guide Slot | EL98HN |
| 24192.035 MHz | 0.150 | Wave Guide Slot | EL98HN |



OARC Membership Application

Make checks payable to:
Orlando Amateur Radio Club

Mail to:
Orlando Amateur Radio Club
3208 E. Colonial Dr. PMB 146
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** _____



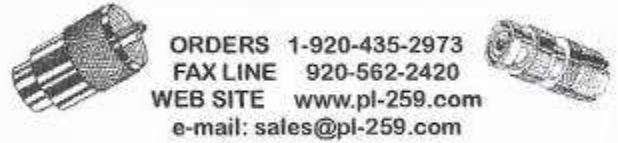
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| | | |
|---|---------------------------------------|---|
|  | Orlando Amateur Radio Club |  |
| | Lake Monroe Amateur Radio Society | |
| | Orange County ARES | |
| | Seminole County ARES | |
|  | Amateur Radio Field Day 2025 | |
|  | Central Winds Park |  |
| | 1000 Central Winds Dr. Winter Springs | |
| | 2PM Saturday thru 2PM Sunday | |

www.arrl.org/FieldDay

What is ARRL Field Day? You're Invited!

ARRL Field Day is a radio communications event that brings together amateur radio operators (also called "hams") within your community. The theme for 2025 Field Day is "Radio Connects" – highlighting the many ways that wireless technology connects people across distances near and far. The event is part picnic, campout, practice for emergencies, informal contest, and most of all, fun! ARRL Field Day is the most popular ham radio activity held annually in the US and Canada. On the fourth weekend in June each year, more than 31,000 hams get together with their radio clubs, schools, or friends to operate from remote locations.

For many radio clubs, ARRL Field Day is one of the highlights on their annual calendar. A typical Field Day site will showoff many aspects of amateur radio and its many roles.

Some groups use Field Day as an opportunity to practice their emergency communications readiness. ARRL Field Day is an annual demonstration and invites the general public and organizations to see how amateur radio can serve in an emergency, **When All Else Fails**®. Hams are well-known for their communications support in real disaster and post-disaster situations. Despite the development of very complex, modern communications systems — or maybe because they are so complex — ham radio has been called into action, again and again, to provide communications in crises when it really matters.

Amateur radio also inspires the next generation of technical leaders by providing a hands-on sandbox where students gain experience in the fields of science, technology, engineering, and mathematics (STEM).

For those with a competitive spirit, Field Day stations compete to make radio contacts with as many other stations as possible while learning to operate radio equipment in challenging situations and less-than-optimal conditions. These same skills are used by hams who volunteer to help with large, preplanned, non-emergency events such as marathons and bike-a-thons; fundraisers such as walk-a-thons; celebrations such as parades, and exhibits at fairs, malls, and museums.



Who is ARRL?

With more than 137,000 members, ARRL is The National Association for Amateur Radio in the US. Our mission is to promote and protect the art, science, and enjoyment of amateur radio, and to develop the next generation of radio amateurs. ARRL and our affiliated radio clubs provide benefits to members to discover radio, to develop new skills, and to serve your local community.

What is Amateur Radio?

Often called "ham radio," the Amateur Radio Service is a worldwide community of licensed operators using the airwaves with every conceivable means of communications technology. It is made up of people who enjoy learning and being able to transmit voice, data, and pictures through the airwaves to places near and far without depending on commercial systems. The amateur radio frequencies are the last remaining place in the usable radio spectrum where an individual can develop and experiment with wireless communications. Not only can hams build and modify their equipment, but they can also create new ways to communicate via the airwaves — and do it as a globally connected community. Many people in the hobby form lifelong friendships with people they wouldn't have otherwise met. Many rock stars, Hollywood actors, and heads of state (and even your neighbor down the street) are ham radio operators. You can be, too! Get started at ARRL Field Day!



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