Orlando Amateur Radio Club

The Listening Post

Dedicated to Community Service and All Central Florida Hams September 2026

President's Message

Greetings! I hope everyone is doing well. Finally starting to get into the cooler months. I know we are not there yet, but we are so much closer now than a few months ago!

I'm happy to announce that our annual Christmas party is in full planning mode. I'm also happy to

(Continued on Next Page)

1	• President's Message
3	• HamCation® Chairperson's News
4	• OARC Christmas Party – December 5, 2025 - Tickets On Sale
4	• Our Club is Growing - New Members and Birthdays
5	• New ARRL Memberships and ARRL Renewal Memberships
5	• How About Your Membership in OARC?
7	• Volunteer Examiner Report
8	• **The New OARC Mentor Program**
9	• OARC Meetings and Events 2026 -- **IMPORTANT INFO**
10	• Hams in the Park – September 5, 2026
10	• Talking to a Satellite Over Norway
12	• Amateur Radio Supports Wisconsin Tornado Recovery
12	• Amateur Radio Operators Certified for Honor Flight
13	• FCC Cites GMRS Licensee for Illegal Linked Repeater Network
14	• 10-Year-Old Receives Ham License and More
14	• ARISS Receives Challenger-7 Recognition
15	• Planning Your Ham Radio Estate
15	• Michigan Ham Radio Shines at Soo Locks Engineers Day 2026
16	• Hawaii Amateur Radio Operators Out in Force for Hurricane Lala
18	• Entrepreneur and Amateur Radio Operator Invests in the Next
19	• Route 66 on the Air
20	• Amateur Radio in the News
20	• Local Area Amateur Radio Club Contact Information
21	• Weekly Radio Networks
22	• Propagation Beacons – Florida Weak Signal Society
22	• How to Renew Your License Online
24	• FCC to Require Two Factor Authentication for CORES Users
24	• FCC-FRN Contact Info Be Updated Within Ten Days of a Change
26	• OARC Membership Application
27	• OARC Member Advertisements

OARC MEETING

Wednesday, September 2, 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, 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

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

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

announce that our annual Christmas party is in full planning mode. I'm also happy to announce that our ticket prices will remain the same again for 2026. OARC members and spouses are $20 each. Non- members are $30 each.

Too-Jays will be catering again. We will have our annual awards to give out. We'll be collecting small, unwrapped toys for Toys for Tots. We'll have our fabulous dessert tables too. Door prizes for both hams and non-hams.

All of this and more will happen on Saturday December 5th at the Knights of Columbus, 5727 Cornelia Ave Orlando 32807. Doors will open at 6pm and dinner will start being served at 7pm.

I sent out an email a few days ago about the ARRL Southeast Division Director recall petition that is circulating. I will have a copy of the petition with signature pages at the meeting Wednesday night. Please see me if you need more information or wish to sign the recall petition. There is no obligation to sign.

OARC will have a table this year at the Makers Faire Orlando at the Central Florida Fairgrounds on November 7 & 8. There will be a "Field Day Trip" for school students on November 6. More info will be coming soon. We will need some volunteers who are comfortable talking about ham radio and OARC with the public. A sign-up form will be created soon and the link will be distributed via email.

Sally Ride Elementary (SRE) has been selected by NASA to make another contact with the ISS, this time via a video conference. This is an exciting opportunity for SRE and we'll be there to assist. More info will be coming out soon.

This month's presentation is "Off Grid Communication with LoRa and Meshtastic" by Tom Graham, WX8TOM.

Hope to see you at the meeting.

73,

John Knott, N4JTK

HamCation® Chairperson's News

(By Michael Cauley, W4ORL, General Chairman)

Greetings Everyone,

HamCation® season is upon us as we call it. We had our first Committee Meeting for HamCation® 2027 on August 1st. There are several vacancies on several committees. If you are interested in serving on a committee, please contact me.

The Website is now live, which means you can buy tickets, reserve a SWAPS table, reserve RV spaces, reserve Tailgate spots and of course, register as a volunteer.

We need hundreds of volunteers and now is a good time to make your desires known. Here is the link to the volunteer registration page https://www.hamcation.com/hamcation-volunteer. Please sign up early. If you volunteer for 4 hours, you get a Free HamCation® ticket.

We had a booth at Huntsville Hamfest on August 15th and 16th. They had a great show again this year. We sold many tickets, some RV nights and three commercial vendor booths. The 2026 ARRL National Convention at the hamfest may have helped in the record-breaking crowd of 6,558 attendees. If you have not been to the Huntsville Hamfest, you might want to plan on attending it in 2027.

Nominations for HamCation's® 2027 Awards are Now Open. Once again, HamCation® 2027 will recognize those who make outstanding contributions to Amateur Radio. As in past years there are three award categories, the Gordon West Ham Ambassador of the Year, the Carole Perry Educator of the year and the Amateur Radio Hero of the Year. Each of these awards identifies members of the Amateur Radio community who have stepped up to make a significant difference by going above and beyond in helping others.

Nominations can now be submitted for each of the three categories both from within the USA and worldwide. Links to each award category with details for their criteria and the nomination forms can be found at https://www.hamcation.com/award.

73.

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 and they will still be available at the October and November meetings. 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 one of the next two monthly meetings, you can purchase them online using one of the links below. The tickets will not be mailed to you, but we will add you to our list of attendees.

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

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

The Christmas party is on Saturday December 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 Rick Peron, KM4KQQ, Membership Chairman)

Michelle Nelson/KR4OF James "Mac" McFatridge/Tech

KR4OEX Milo Cruz/Tech

KR4OFE Ray Witkins/Tech

KR4OFG Colin Matherne/Tech General

Birthdays this Month

Brandon Cannistraci
AC4GB Reuben Gold
KG4QCD Andy Gausz
KO4BBK Fernando Caraballo
KQ1NVC Nick Capozzi
KR4JAC Daniel Temkin
N4MDZ Louis Dobles

WA1LBG Alan Marote

AA3XV Kevin Jackson
KA4KXX Walter Legan
KN4LSY Larry Schnaudigel
KO4ULV Dick Stadler
KR4FBI Amelia Rubio Ditren
KR4NNM Justin Stevens
W1ISS Dean Brown

New ARRL Memberships and ARRL Renewal Memberships

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

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

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

HOW ABOUT YOUR MEMBERSHIP IN OARC?

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

Update Your Member Information:

Any time you change your QTH, email, or callsign, you can update your member information by notifying Rick Peron 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 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 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 9/30/2026
First Name Last Name/Call
Mike Acevedo/W1SSR
John Gillette/KC3UPA
Bryce Maschino/KR4GON

Expiring 10/30/2026
First Name Last Name/Call
William Sullivan/N3QMH
Jamie Rees/KR4HET
Randy Rees/KR4HEX
Jerry Fuhrman/W3XM
Benjamin Lanehart/KN4DQD
Laszlo Patassy/K9LAZ
Christopher Robbins/KR4HEU

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

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*

Brandon Bray/KR4JEQ Kevin Schneider/N4URN

GENERAL CLASS*

Kristin Berry/KR4KIB Colin Matherne/KR4OFG

Louis Seybold/KR4IUK

TECHNICIAN CLASS **

Milo Cruz/KR4OEX James McFatridge/KR4OFS

Alexander Plant/KR4OFZ Ray Witkins/OR4OFE

* 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	N4UMB Joe Patti	KT3S Den Ardinger	N2KIQ Paul Kronenwetter
NE4H Ed Thralls	W2BZY Bob Cumming	WY1E Michael Kooiman	WD4ORM George Markward
W4KBW Bob Nocero	W4VBK Rod Cavin	WR4RW Rich Wilson	

*** **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.

The New OARC Mentor Program

(By Kevin Jackson, AA3XV)

At the last monthly Orlando Amateur Radio Club (OARC) meeting in August we started the Mentor Program. The program aims are to open conduits for communications both at meetings and in-between for new members, first time visitors, those who are newly licensed as well as existing members who need help with any aspects of Amateur Radio. From basic installation, station setup, getting on the air for the first time, trying a new mode or solving technical problems, the Mentor Program team are ready to help.

The world of Amateur Radio can seem daunting when you first get involved but it is equally daunting when you already have some time in the hobby and are trying a new antenna or radio or mode. As with everything in today's world, it 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. They can help you.

Since I joined the hobby in my mid-teens it has changed a lot. The choices within the hobby are immense and with that comes much more complexity. We all need help from time to time, and the Mentor Program is here to help you be successful and enjoy the hobby. Don't be afraid to contact us at mentors@oarc.org and we will have someone provide help.

OARC Meetings and Events 2026
Important Meeting Information

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

ASK AN ELMER

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

Hams in the Park – September 5, 2026

(by John-Paul Craig, KZ4JW)

- September 5, 2026 : 8am-12pm
- Big Tree Park
- https://maps.app.goo.gl/1qMv99VLun529zjo9

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!

If you have gear, bring it. Radios, antennas, Go-Kits, Satellite gear, whatever you have. If you have a popup canopy, bring it. This will allow us to spread apart and not interfere with each other.

If you're new and don't have gear, or if you do not have much experience that is OK. We will share our equipment and our knowledge with you. It is all about learning and having Fun. We look forward to seeing you there.

Talking to a Satellite Over Norway

(The ARRL Letter for August 6, 2026)

An interesting experiment took place last week in the skies over Oslo, Norway.

Amateur radio operators from the Oslo Group of the Norwegian Radio Relay League (NRRL), using an experimental satellite and homebrew ham equipment, successfully reprogrammed the satellite to respond to voice control.

On July 27, 2026, a verbal command, sent via a 23-centimeter signal from the roof of the Oslo Group's club station, was received, transcribed, and executed on board the OPS-SAT PRETTY satellite. The satellite then activated the game DOOM in response, and downloaded images of the game as confirmation. Voice control of a satellite was a reality, performed by radio amateurs in the Oslo Group!

The spacecraft is operated by Graz University of Technology in Austria and the experimentation is coordinated by the European Space Agency's European Space Operations Centre (ESOC) in Darmstadt, Germany.

The OPS-SAT PRETTY is a 3U CubeSat (10 x 10 x 34 cm) with a reconfigurable processing platform that allows a wide range of custom software and firmware experiments, and is tightly connected to an onboard software defined receiver (SDR).

Everyone involved in the experiment agreed that amateur radio infrastructure can support technically meaningful spacecraft experiments when RF design, signal processing, craft software, and disciplined operations are treated as one system.

Can the satellite be programed to talk back in an AI human voice?

"For this satellite, the Satellite Experimental Processing Platform (SEPP) where the experiments run, is connected to an SDR, receive only," said team member Eskil Hadland, LB6AJ. "As far as I know, the TMTC (Telemetry and Telecommand) is outside of the SEPP. So I do not believe this satellite will be able to talk back to us. Unlike other satellite operations for amateurs, where you can listen when you are aiming directly, we have been shouting towards the stars, and gotten data back hours later."

So what is next step with voice command communications?

"As for the next step, we are also curious about what it will be," added Hadland. "This experiment has been initiated by Georges Labrèche, whom together with Ólafur Waage, were the first to successfully run the game DOOM on the OPS-SAT back in 2023 (Not OPS-SAT PRETTY). Neither of them are radio amateurs, but are into the software development field.

Labrèche has suggested, as mentioned in our report at **doom.lb6aj.net/#future**, that a next step might be e.g., "PRETTY TURN OFF SDR" to act on an actual payload of the satellite, making it a control interface. But this might meet resistance from the team at ESA. We also have some other ideas regarding amateur radio, building further on this experiment, but we are not sure yet. But time will tell."

The Project Page at partner Tanagra Space tells the whole story from end to end, with the postcard the satellite composed on board and the gameplay sequence it captured as it flew: **tanagraspace.com/opssat-pretty-doomed**.

Thanks to the Oslo Group of the Norwegian Radio Relay League for taking time to talk with the ARRL Letter about their accomplishments.

Amateur Radio Supports Wisconsin Tornado Recovery

(The ARRL Letter for August 6, 2026)

On July 27, July 30, and August 1, 2026, members of the Green Bay Mike and Key Club, who are also members of the Brown-Kewaunee County Amateur Radio Emergency Service® (ARES®), deployed to Winnebago County, Wisconsin, following a tornado that struck on July 27. The tornado hit Appleton and caused severe damage in Menasha, Fox Crossing, and nearby communities, with peak winds estimated at 140 mph and a 12.1-mile path up to 1,500 yards wide.

Pamela Evenson, KDØGPH; Sam Reid, W9SJR, and Sam Martin, KN9SAM, responded to a request from the Winnebago County Emergency Management Office for ARES radio assistance. When they arrived, team members were paired with other volunteers from Community Emergency Response Teams and local officials to form damage assessment teams assigned to specific areas.

While deployed, Evenson, Reid, and Martin conducted damage assessment operations. There were no deaths and only 60 injuries reported as a result of this tornado. Amateur radio provided radio communication between team members and the net control station at the volunteer coordination center.

Amateur Radio Operators Certified for Honor Flight

(The ARRL Letter for August 6, 2026)

Attention: You are clear for Mission 156!
A trio of amateur radio operators in Columbus, Ohio, Dan Merrill, KE8KJX, Steve Robeano, WD8JKX, and John Ross, KD8IDJ, have been certified for Honor Flight Mission 156 on October 14, 2026. This is an not an ordinary group of Veterans. For over 60 years, they have traveled the same paths, had the same experiences, and acquired the same interests, and now they will complete Honor Flight together.

Last year, they made history at the Columbus Hamfest by just being at the same place together for the first time. All are ARRL members, all have Amateur Extra-class licenses, all are musicians and Masons, and they all served in the same army unit after active duty — the 338th Army Band. In fact, this Honor Flight mission is unique. 19 members of the 338th Army Band and friends are going along, as well as 60 other Veterans from the central Ohio area.

"It is hard to put into words," said Ross. "We don't know the reasons why and how we all ended up together, but we're certainly glad it happened. I can't image going through all we've been through, and all the while being friends."

Ross and Merrill are still working musicians with the Aladdin Temple Shrine Band in Grove City, Ohio. Ross has been a trumpet player for 68 years and directs the Shrine Band. He will be the Bugler for Honor Flight Mission 156.

John Ross, KD8IDJ, is the News Editor for the ARRL Letter and host of ARRL Audio News.

FCC Cites GMRS Licensee for Illegal Linked Repeater Network

(The ARRL Letter for August 6, 2026)

The FCC Enforcement Bureau has issued a Notice of Violation to Gary M. Beckstedt, Sr., of Newnan, Georgia, for operating a network of nearly two dozen linked General Mobile Radio Service (GMRS) repeaters in violation of FCC rules for the service. Beckstedt is co-founder and Chief Executive Officer of North Georgia GMRS, Inc., and licensee of GMRS station WQYU407. He also holds amateur radio license WB4GMB.

According to the FCC Notice, "There are only eight repeater frequency pairs shared nationwide by more than 300,000 active GMRS licensees and millions of Family Radio Service users. Because GMRS spectrum is so limited, the service only works as intended when local users can hear each other and cooperate in the sharing of channels. Linking multiple repeaters is not in the public interest because it enables the retransmission of messages over much larger geographic areas, thereby limiting localized availability of the GMRS channels, monopolizing a limited spectrum resource, and increasing the potential for interference." It notes that GMRS repeaters may be connected to the telephone network "or other networks" (such as the internet) only for the purpose of remote control. Repeater linking is permitted in the Amateur Radio Service, but not for GMRS communications for the reasons explained in the Notice.

Enforcement Bureau agents monitored several of Beckstedt's GMRS repeaters this past February, according to the Notice, and observed that the repeaters were connected via the internet and "were being used to convey messages to multiple repeaters for simultaneous transmission on the repeaters' respective over-the-air output frequencies, in violation of section 95.1749 of the Commission's rules."

Beckstedt was given 20 days to "fully explain the violation" and spell out "the specific action(s) taken to correct the violation and preclude recurrence."

10-Year-Old Receives Ham License and More

(The ARRL Letter for August 13, 2026)

A brand-new young ham in Arizona got more than he was expecting after passing his Technician class license exam earlier this month. Along with getting his call sign, KM7HFU, from the FCC, 10-year-old Reynaldo Mangual was presented by the Maricopa Amateur Radio Association (MARA) with an almost-new Yaesu FT-857D HF/VHF/UHF multimode transceiver, an LDG YT-100 automatic antenna tuner, and power supply. The station had been donated anonymously to the club with the stipulation that it be presented to a deserving young person upon successfully earning an amateur radio license. In addition, the club reports that, in an effort to introduce him to Morse code, Reynaldo was also given a fully-restored World War II-era J-38 telegraph key by club member Steve Miller, W6DSM, who collects and restores historic keys.

Reynaldo joined ARRL this week! He is also a member of the Pinal County 4-H Amateur Radio Club, whose youth program is supported by 4-H, MARA, the Arizona 4-H Foundation, and a grant from the Amateur Radio Council of Arizona. Reynaldo is now MARA's youngest member. The Maricopa Amateur Radio Association is an ARRL-Affiliated Club.

ARRL offers a no-cost membership option for full-time students aged 21 years or younger. Free Student Membership is available at **www.arrl.org/student**.

ARISS Receives Challenger-7 Recognition

(The ARRL Letter for August 13, 2026)

ARISS, Amateur Radio on the International Space Station, has been honored with the prestigious Challenger-7 Recognition, a national honor celebrating organizations whose work reflects the spirit, vision, and values of the seven crew members of the Space Shuttle Challenger mission STS-51-L.

"This recognition is a tribute, not a competition," says the Challenger Center. "It honors those who embody the Challenger crew's values of exploration, learning, and inspiration, while also celebrating trailblazing organizations and programs that will carry this mission forward into the future."

Nominations from nonprofit STEM (Science, Technology, Engineering, and Math) programs that have a national-level impact on STEM learning and other STEM advocates were submitted by members of the broader Challenger Center community, with honorees selected by an appointed committee. The recognitions are part of the Challenger Center's 40th anniversary celebrations.

"The ARISS team is humbled to receive the Challenger-7 recognition," said ARISS-USA Executive Director and ARISS International Chair Frank Bauer, KA3HDO. "We thank the Challenger Center community for this honor as well as treasure our long-standing partnership with them. The outcomes of our ARISS on-board astronaut experiences emulate the exploration and education spirit of the Challenger crew—to engage and educate our next generation of explorers in STEM while giving them the tools and inspiration to prepare them for future STEM careers."

Other awardees this year include AIAA – American Institute of Aeronautics and Astronautics, American Rocketry Challenge, and Janet's Planet.

Read the ARISS News Release here.

Planning Your Ham Radio Estate

(By Kevin T Beal, K8EAL, ARRL Director of Development)
Copied from the August 2026 issue of QST Magazine, pg. 67

August was National Make-a-Will Month, reminding us of the importance of having a plan for the future, and radio amateurs are no exception. As Hams we accumulate unique collections of gear that can bewilder even the most well-meaning family members when we become a Silent Key. The *ARRL Estate Planning Workbook*, first published in 2023, is a practical, Ham-friendly tool designed specifically to ease that burden. Available in limited print copies and as a free downloadable PDF, it guides amateurs through the process of handling station assets, preserving their legacy, and supporting the future of amateur radio. (To read the rest of the article see the August 2026 issue of *QST* magazine, page 67)

Michigan Ham Radio Shines at Soo Locks Engineers Day 2026

(The ARES Letter for August 19, 2026)

Sault Ste. Marie, Michigan – June 26, 2026, marked another fantastic edition of *Soo Locks Engineers Day*, the annual celebration of engineering marvels, maritime heritage, and community spirit at one of the world's busiest lock systems. Once again, Michigan's amateur radio community stepped up in a big way, providing vital public safety communications support and operating special event station W8S to showcase ham radio to visitors from across the region.

Led by dedicated AUXC and ARES volunteers from Chippewa, Luce, and Delta Counties, plus hams from Sault Ste. Marie, Ontario, the team delivered strong communications support throughout the day. The weather was perfect, and we also had three staff members from the National Weather Service in Gaylord attending. Their presence provided a great training opportunity and showed how well we can work together at these types of events. Setup began the afternoon before on June 25,

with full operations running from early-morning briefing at Brady Park through late-afternoon shutdown. Hams managed radio distributions, MyMich Hospital trailer operations, Michigan State Police Command Vehicle rotations, and reliable links using local repeaters, the county simplex frequency, a mix of VHF and HF, and even a mini Starlink deployment for backup connectivity.

Key highlights from the field included smooth setup and testing of radios, coordinated personnel movements between the special events tent, command vehicles, and hospital trailer, and strong participation from both experienced AUXC operators and eager newcomers.

The Eastern Upper Peninsula Amateur Radio Club special event station W8S gave the public a firsthand look at amateur radio in action — connecting with hams worldwide while highlighting how our service supports community events and emergency preparedness. This annual tradition continues to build strong partnerships among local clubs, AUXC teams, and event organizers including the U.S. Army Corps of Engineers.

Volunteers who made it happen included Cody Ames, KJ7SYX; Robert Donaldson, W8SSM; Dave Erickson, W9TRC; Kay Erickson, N8OFF; Brent MacMillan, K8OTL/VE3OTL; Tanya Procknow, W8TON; Lou Stempek, N8LOU; Bob Sterner, KBØBS; Roger VanDamme, KB8PLR; and many more from both sides of the border. A huge thank you to every volunteer who donated time, equipment, and expertise!

Events like this not only support the community but also strengthen our skills for when they're truly needed.— *Bob Sterner, KB0BS, CETsr, AUXC, COML, Chippewa County ARES Emergency Coordinator; Thanks to The ARRL Letter*

Hawaii Amateur Radio Operators Out in Force for Hurricane Lala

(The ARRL Letter for August 20, 2026)

Last week, while the Midwest was facing heavy rain, wind, and tornados, Hawaii was bracing for Hurricane Lala. The eye of the hurricane skirted Hawaii's Big Island without making landfall but left heavy wind and rain damage. On Saturday, August 15, and Sunday, August 16, 2026, amateur radio operators throughout the state assisted emergency management agencies during the hurricane's approach.

Ron Hashiro, KH6D, RACES/AUXCOMM Coordinator for the Hawai'i Emergency Management Agency (HIEMA), said there were many amateur operators and agencies involved.

"We had great assistance from local, state, county, federal, military agencies, including the National Guard, and now we are also working with FEMA," said Hashiro.

Several Big Island locations received over 3 feet of rain, with Laupāhoehoe recording more than 43 inches in just two days. The Nāhuku Lava Tube and Nene Cabin, one of two A frame vacation cabins located just outside Hawaii Volcanoes National Park in Volcano, received just over 37 inches of rain. Hurricane-force gusts up to 140 mph were recorded at Mauna Kea's summit.

Last Saturday and Sunday were the worst days as the hurricane headed for the Big Island. National Weather Service (NWS) radar for Saturday, August 15, 2026, 14:10 HST, showed the 50-mile approach of Hurricane Lala to South Point on the Big Island. South Point is the southernmost location in the United States. The greatest damage occurred at Naalehu in the Big Island district of Kau, where the runoff from the torrential rains on Saturday night devastated the community. Roads were blocked and damaged, which isolated and impeded response.

Joe Tabrah, AH6T, ran the hourly ARES HF Watch nets on 7090 kHz. Carter Davis, KH6FV, manned the HF position at the HIEMA AUXCOMM radio room, handling reports from the local 40-meter and ARES nets on 7090 kHz and submitted the information through to HIEMA staff, supported by Peter Yuen, KH6JBS, and Ron Hashiro, KH6D.

In a wide-ranging and detailed report, Hashiro noted that on the main island of Oahu, the Department of Emergency Management (DEM) activated its RACES unit on Saturday to supplement their emergency response. Michael Miller, KH6ML, and Mark Kaku, KH6LT, headed up the unit with radio operators including Ralph Miranda, WH7PD, and Keith Higa, WH7GG, running the net on the around-the-island RACES VHF repeater network. They kept staff updated with reports sent from the field. Reservist Ralph Toyama, NH6PY, was dispatched to Waikiki to assist the Honolulu Police Department with traffic and pedestrian control to free the officers to respond to other areas.

Local television station KHON2 covered the Manoa Stream water levels as they reached 14 feet: Manoa Stream hits record stream flow during Tropical Storm Lala

As the hurricane continues to move away, at least one person has died and over 100 homes have been damaged. Road access to Naalehu has been reestablished. At the peak of the storm, over 200,000 customers were without power. Thousands remain without power with 95% restoration to the hardest hit section of Kau district estimated to be done by September 8.

Hashiro's report, with updated information, has been posted to his AH6RH webpage. The complete link is: **www.qsl.net/ah6rh/am-radio/hawaii/hurricane-lala.html**.

Entrepreneur and Amateur Radio Operator Invests in the Next Generation of Problem Solvers

(The ARRL Letter for August 20, 2026)

ARRL announced today a historic and transformational $1 million gift from Dr. James M. Galm, W8WTS. An entrepreneur and amateur radio operator who spent his career solving complex energy and engineering challenges, Galm is now investing in the next generation of problem solvers through his support of ARRL.

The gift will directly support ARRL programs and activities, including the ARRL STEM education initiative within the Education and Technology Program, and ARRL's work defending access to amateur radio spectrum through the Spectrum Defense Fund. He didn't stop there, however. Dr. Galm expressed how important ARRL is to the future of amateur radio by designating a significant portion of his gift as unrestricted support to the ARRL Diamond Club, which supports ARRL's general fund, and the Second Century Fund, ARRL's unrestricted endowment fund, which will be invested and support ARRL operations in perpetuity.

James M. Galm, Ph.D., W8WTS, is from Chardon, Ohio and is a 50-year ARRL member, a member of the ARRL Legacy Circle, and an accomplished amateur radio contester. He frequently operates from PJ2T and has served as President and Secretary/Treasurer of the Caribbean Contesting Consortium, PJ2T. He also operates a popular and reliable DX Cluster at dxc.w8wts.net with both ARC 6 and CC Cluster nodes.

With his transformational gift, Dr. Galm will be inducted into the ARRL Maxim Society at the Millennium Class. He joins Margaret Valentine at this extremely generous level of giving. Valentine, along with her late husband Michael Valentine, W8MM (SK), made the first pledge of $1 million to ARRL during the Second Century Campaign.

First licensed as WN8WTS in 1975, Dr. Galm has more than 40 years of experience in engineering, research, manufacturing and product development. He holds nine patents and has published many scholarly articles in peer-reviewed journals.

In 2001, Galm co-founded LayerZero Power Systems, Inc., which grew to become the world leader in ultra-reliable AC power management equipment for mission-critical applications, including AI and machine learning, hyperscale computing data centers, semiconductor manufacturing, and financial transaction processing. The two owners sold a majority interest in LayerZero to a global private equity firm in 2025.

Dr. Galm holds a Ph.D. and M.S. in Electrical Engineering and Applied Physics, and a B.S. in Electrical Engineering and Applied Physics from Case Western Reserve

University. He is a Professional Engineer licensed to practice in Ohio. Now retired, Dr. Galm serves on boards of directors for LayerZero and Type One Energy.

Galm's gift represents a significant investment in ARRL's mission by supporting initiatives that help develop students as innovators, protecting the future of amateur radio spectrum, and strengthening the organization for generations to come.

Route 66 on the Air

(The ARRL Letter for August 27, 2026)

Route 66 has been celebrating its centennial, 1926 – 2026, all year. The 100th anniversary still has events scheduled across the country, and there is time left to join the fun...especially if you're an amateur radio operator!

Route 66 on the Air 2026 is scheduled for Saturday, September 12 to Sunday, September 20 ... a nine-day window for amateur radio operators to participate. Twenty-five special event stations under the 1×1 W6 call sign have been set up for this event.

The goal is to commemorate the history of the "Mother Road" connecting the eastern and western United States. Through stories, songs, and TV shows, the highway came to symbolize the spirit of the freedom of the open road, inspiring many to see America.

Established on November 11, 1926, Route 66 was part of the U.S. highway system and stretched approximately 2,448 miles, from Chicago, Illinois, to Santa Monica, California, passing through eight states: Illinois, Missouri, Kansas, Oklahoma, Texas, New Mexico, Arizona, and California. Known as the "Main Street of America" and later dubbed the "Mother Road" by John Steinbeck in his 1939 novel, *The Grapes of Wrath*, it became an iconic symbol of American mobility and opportunity.

However, the demise of Route 66 began in the 1950s as the U.S. began building the interstate highway system, and the highway was officially decommissioned in 1986. Today, small portions of the U.S. Highway 66 still exist in towns and rural areas in several states.

Much of the original Highway 66 has been rerouted into a fast-moving interstate, bypassing many of the small towns and interests of this nation. Every year, Route 66 on the Air takes place to remember, celebrate, and share the enthusiasm and memories that Highway 66 represented in its time… and even today.

A map of the original highway shows its route from Santa Monica, California to Chicago, Illinois.

To find stations participating in Route 66 on the Air, browse the calendar at www.route66centennial.org. The ARRL Special Events Stations database also includes listings. Search for the keyword "66".

Amateur Radio in the News

(The ARRL Letter for July 6, 13, 20, 27, 2026)

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

"Old-school ham radios can save lives when hurricanes hit cell towers, phone lines" / MSN - The Post and Courier (South Carolina) August 6, 2026 -- South Carolina Healthcare Emergency Amateur Radio Team

"Amateur radio in the classroom: How Long Island teachers plan to use the technology to teach STEM concepts" / NEWSDAY (Long Island, NY) August 5, 2026 -- The ARRL Teachers Institute on Wireless Technology, in conjunction with the Suffolk County Radio Club, *an ARRL Affiliated Club*.

"Community connects through amateur radio at Warren HamFest" / WFMJ (Ohio) August 16, 2026 -- *The Warren Amateur Radio Association is an ARRL Affiliated Club*

"Looking up: French radio enthusiast captures ISS signals from his garage" / RFI (Radio France International) August 25, 2026 -- Vincent Plousey, FØGXR.

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 _____

Secure4U.net
Small Business Technology Services
IT Services • Web • VPN • Remote Desktop • Custom Firewalls
Wireless • Radios • Embedded Technology Solutions

Tower Climber & Technician
FCC Lic: KN4MDJ/WRBM807
Fcc Licensed Tower Certified Insured Workers Comp

Kenneth "Ken" Lyons
407-496-6694
Secure4Unet@Gmail.com
www.Secure4U.net

TOWER ELECTRONICS
THE HAMS DIME STORE SINCE 1978
ORDERS 1-920-435-2973
FAX LINE 920-562-2420
WEB SITE www.pl-259.com
e-mail: sales@pl-259.com
P.O. BOX 12631 GREEN BAY, WI 54307-2631
RF CONNECTORS, RF ADAPTORS, ANTENNAS, MOUNTS
DC WIRE, DC CABLES, AF CONNECTORS & ADAPTORS

THE PASTRAMI PROJECT
A traditional NY Deli in a Food Truck
A free soda with each meal for Hams
As seen on Diners, Drive-Ins, and Dives
George Markward
WD4ORM
Mon-Fri 10am-2pm
825 N. Magnolia Ave
Orlando, FL
www.pastramiproject.com

www.RadioScouting.US/cfc
RADIOSCOUTING.US
WB4SA
Orlando, FL
Chapter
Youth & Scout Amateur Radio Club
RadioScoutingUS@RadioScouting.US
"Bringing Amateur Radio Scouting STEM programs to scouts across the USA!"

Jeremy T. Bouse
Bouse Travel Advisors
BouseTravel@UnderGrid.net
(321) 525-3280
JeremyBouse.InteleTravel.com
4853 E Irlo Bronson Memorial Hwy #105
St. Cloud, Florida 34771

DOES YOUR BUSINESS NEED MORE SALES?
LET'S HAVE A CONVERSATION
KENISEMAIL.com
bit.ly/20minutezoomcall
KEN COUNTESS - KN2D
CERTIFIED EMAIL MARKETING EXPERT
KEN.KN2D@GMAIL.COM
407-242-4200

Comparion Insurance Agency
A Liberty Mutual Company
Call or Text
407-739-9921
Melanie Garcia
Local Sales Agent
Auto | Home | Life | Umbrella | Motorcycle | Condo | Watercraft | Classic Auto