



The Listening Post



Dedicated to Community Service and All Central Florida Hams

May 2019

President's Message

Greetings everyone, it's been a busy month. One of our highlights this month was the General License Class we jointly held with OCARES. This was the 2nd class we held in recent times. We had 11 that pre-registered and 4 that had to back out do to scheduling conflicts. We ended with 7 in the class and all 7 became Generals at the end of the test session. Congrats to these individuals. Happy Dxing!!

So, Hamvention 2019 is just right around the corner. You might be asking why are you mentioning

(Continued on Next Page)

OARC MEETING

May 1, 2019 7:30pm

Beardall Senior Center
800 Delaney Ave, Orlando, FL 32801
ARRL Testing: 5:30pm

For information & Updates
See www.oarc.org

OARC Board of Directors

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James Deuel, N0XIA

The Listening Post is the OARC newsletter for OARC members. The LP will be distributed electronically via E-mail and the OARC web site (www.oarc.org).

Editor: Ed Thralls NE4H.

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

Contributing to this edition: John Knott N4JTK, Michael Cauley W4MCA, James Deuel N0XIA, Bob Nocero W4KBW, Pat Husband, and Ed Thralls NE4H

OARC REPEATERS

| Call | Freq | Shift | PL |
|-------|----------|-------|-------|
| KB4UT | 146.760* | -600 | 103.5 |
| N4UMB | 147.015 | -600 | 103.5 |

* Fusion Repeater

D-Star

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

All D-star repeaters are connected

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President's Message (Continued from Previous Page)

Hamvention? Well the truth is, yes there might be some competition between hamfest, but we also work closely with the leaders of Hamvention and Huntsville Hamfest to bring better shows to each of the three cities. Hamvention and Huntsville take things back that they learned in Orlando, and we bring things back that we learned at Hamvention and Huntsville. Sharing the best and worst practices leads to having a better hamfest for everyone. So, back to Hamvention, who is going?

If you are going, please make time to go see Carole Perry at her youth forum on Saturday. Carole was the recipient of the 2019 Educator of the Year Award presented at the 2019 Orlando HamCation. Since being presented the award, Carole has been honored in many publications and in live appearances for winning this award. She has been honored in CQ Magazine, QST, by the Radio Club of America and many more. She has mentioned to us that she has not come down off cloud nine since receiving the award. This has truly become a legacy award for her.

Also, while at Hamvention, be sure to come by and see us at the HamCation booth. We'll be in building 4 near the prize barrel. Will you be attending any of the numerous dinners going on? Have a favorite restaurant you like to visit? Air Force Museum? Don't forget that this coming Wednesday night is our May Meeting at Beardall Senior Center. Meeting starts at 7:30p. Topic is a surprise, don't miss it. Our monthly test session starts at 5:30p also at Beardall.

73

John Knott

N4JTK

THANK YOU!!

(By John Knott, N4JTK)

Earlier this month, Thomas Husband, Co-Editor of the Listening Post, informed me that he was stepping down as a Co-Editor. Thomas has been Co-Editor of the Listening Post for nearly 3 years and he felt that it was time for someone else to step up to the plate and give it a shot.

I would like to publicly thank Thomas for his hard work as a Co-Editor of the Listening Post and his dedication in making sure each issue was ready to go out. Volunteering sometimes feels like a thankless job, but it shouldn't. In this case, Thomas and Ed spend countless hours each month to bring you a quality newsletter that you can enjoy. Both of them deserve ALL of our thanks on a job well done!

Field Day 2019

(By John Knott, N4JTK)

Field Day weekend is coming up on June 22 and 23 2019. OARC Field Day will once again be held at the Central Florida Fairgrounds. We will NOT be at the Lakeside Pavilion this year, instead we will be holding Field Day at the Social Hall. The hall has A/C and a kitchen along with rest rooms in the building.

This year we will only be building 3 stations. Either 3 phone stations or 2 phone station and a GOTA station. I'm sure there will be a CW station also setup too. Because of a concert on Friday night in what we call the "Swaps" building with roughly 5,000 plus people, we will not be setting up antennas on Friday. We will be setting up the Social Hall with the radio's, tables, chairs, and to include the kitchen.

We'll set up the antennas on Saturday morning and be ready for the action to start at 2pm.

In the years past I have stressed that we are going to need help with getting things set up and then torn back down. I have to say; you have not failed us. We have had lots of help on Friday and Sunday. For that, we are forever grateful!

What I know realized is that I should have stressed we need operators too. After setting up is done, everyone is too tired to operate. Field Day is a 24-hour event, however many stations we claim at the start of Field Day, needs to stay operational. So, this year, I'm begging for your assistance in helping with operating the stations too; even if you only can help for a few hours. Those few hours could provide a break for someone who might be able to stay longer. How many of you never get a chance to operate HF from home? Now's your chance to operate!

Next Technician License Class Announcement

(By John Knott, N4JTK)

On July 20 & 21 2019 will be our next Technician License Class. This will be a two-day class to review for the Technician License Exam that will occur immediately after the class on Sunday.

Registration is required. You can find more info and the link to register by going to our website: <http://oarc.org/events-amateur-radio-classes> Registration ends on June 20, 2019.

Peanut Comes To REF037 C

(By James Deuel, NOXIA)

Three articles have recently been written in the Listening Post about the Peanut app written by David Grootendorst, PA7LIM, available from the Google Play Store for Android and a Windows version at <https://software.pa7lim.nl/peanut/STABLE/>

What is new to report is the Orlando Amateur Radio Club has installed a Portable AMBE Server and allows a Peanut connection to Reflector 037 C. The server was purchased from the XRF Reflector Lovers Club in Japan.



Pictured is the Portable AMBE server. Size is 9cm wide x 4.5cm depth x 2.5cm high. It can be connected to the network by WiFi or LAN connection via USB port. WiFi connection is very convenient. Two square holes are USB interface and power supply connectors. Beside the square hole, is a LED indicator which shows status of cpu inside.

The red button on top of the case is a shutdown switch which is used for power off.

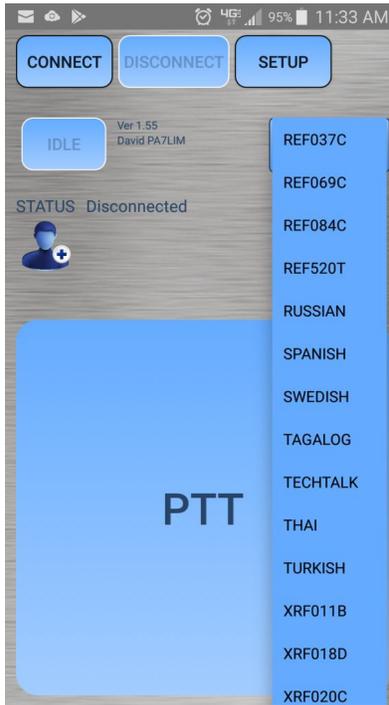
<https://reflectorloversclub.jimdofree.com/>

The AMBE server went into operation on Wednesday, April 3rd just before the OARC club meeting. Pictured is a snap shot of two stations and the server (transcoder) connected to REF037 C from the Peanut Dashboard.

| Online users(218) | | | |
|--------------------------------------|---------|-------|-----------------|
| <input type="text" value="ref037c"/> | | | |
| KD4L | REF037C | 2.0.7 | 13:49:15 - 19-4 |
| NOXIA | REF037C | 2.0.7 | 13:02:48 - 19-4 |
| TRANSCODER | REF037C | 2.3 | 22:10:23 - 3-4 |

| Gateway Status | | | |
|----------------|---|---|---|
| REF037C | ✓ | ✓ | ✓ |
| REF051C | ✓ | ✓ | ✓ |
| REF069C | ✓ | ✓ | ✓ |

Pictured is REF037C now on the Peanut list to connect to on the Android app.



In order to use Peanut:

1. Make sure you are DSTAR registered. Nobody will hear you on the DSTAR side if you connect to REF037 C and are not registered.
2. You need to request a code to use Peanut for the first time
<http://www.pa7lim.nl/peanut-request/>

If you are on DSTAR, this is another way to get on OARC's REF037 C. If not, here is your chance.

Other DSTAR web sites of interest.

<http://www.dstarusers.org/>

<http://www.dstarinfo.com/>

<http://nj6n.com/dplusmon/>

Florida ARES, State of Florida Considering Memorandum of Understanding (The ARRL Letter for April 11, 2019)

Amateur Radio Emergency Services (ARES®) Section Emergency Coordinators (SEC) from the ARRL Northern, West Central, and Southern Florida sections met recently with state Emergency Management Communication leaders to discuss improved integration of Amateur Radio during emergencies. A draft *Memorandum of*

Understanding (MOU) between ARES and the State of Florida was presented for further consideration.

If agreed upon, the *MOU* would make ARES and Amateur Radio a valid resource that can be easily requested during an incident.

"For the first time ARES will be integrated into the state communication team," said West Central Florida Section Emergency Coordinator (SEC) Ben Henley, KI4IGX.

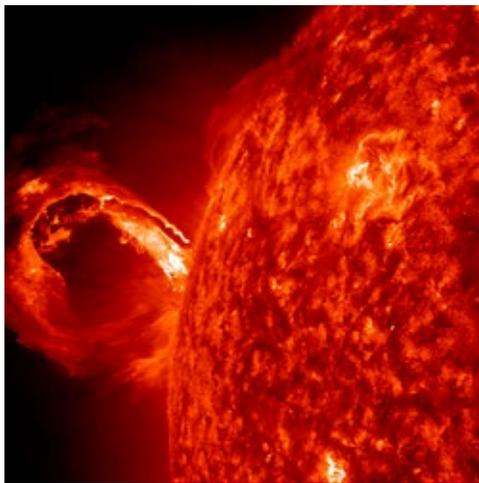
To facilitate deployment of communication resources more effectively, the three Sections have previously agreed to work as a single entity during an incident. Also discussed was the necessity of changing the way ARES volunteers are credentialed, trained, and deployed.

"This is a team effort," said Northern Florida SEC Karl Martin, KG4HBN. SECs and state leaders anticipate working together in the future to overcome shortcomings in disaster and emergency preparation to ensure an effective response when Amateur Radio support is requested.

Solar Cycle 25 Predicted to be Similar to Cycle 24

(The ARRL Letter for April 11, 2019)

Scientists predicting the sun's activity for Solar Cycle 25 say it's likely to be much like



A 2013 coronal mass ejection. [Photo courtesy of NOAA]

that of current Cycle 24, which is declining and predicted to bottom out in 2019 or 2020. Solar Cycle 25 Prediction Panel experts said Solar Cycle 25 may get off to a slow start, but is anticipated to peak between 2023 and 2026 with a sunspot range of 95 to 130. This is well below the typical average of 140 to 220 sunspots per solar cycle. The panel expressed high confidence that the coming cycle should break the trend of weakening solar activity seen over the past four cycles. The Solar Cycle Prediction Panel forecasts the number of sunspots expected for solar maximum, along with the timing of the peak and minimum solar activity levels for the cycle. The outlook was presented on April 5 at the [2019 NOAA Space Weather Workshop](#) in Boulder, Colorado.

"We expect Solar Cycle 25 will be very similar to cycle 24: Another fairly weak cycle, preceded by a long, deep minimum," said panel co-chair Lisa Upton, a solar physicist with Space

Systems Research Corp. "The expectation that Cycle 25 will be comparable in size to Cycle 24 means that the steady decline in solar cycle amplitude, seen from cycles 21 - 24, has come to an end and that there is no indication that we are currently approaching a Maunder-type minimum in solar activity."

The solar cycle prediction gives a rough idea of the frequency of space weather storms of all types, from radio blackouts to geomagnetic storms and solar radiation storms. In addition to its effects on Amateur Radio signal propagation, space weather can affect power grids; critical military, airline, and shipping communications; satellites and GPS signals, and can even threaten astronauts through exposure to harmful radiation.



Solar Cycle 24 reached its maximum in April 2014, with a peak average of 82 sunspots. The sun's northern hemisphere led the sunspot cycle, peaking more than 2 years ahead of the southern hemisphere

sunspot peak. Given that the sun takes 11 years to complete one solar cycle, this is only the fourth time that US scientists have issued a solar cycle prediction. The first panel convened in 1989 for cycle 22.

For Solar Cycle 25, the panel hopes for the first time to predict the presence, amplitude, and timing of any differences between the northern and southern hemispheres on the sun, known as hemispheric asymmetry. Later this year, the panel will release an official sunspot number curve showing the predicted number of sunspots during any given year and any expected asymmetry. The panel will also look into the possibility of providing a solar flare probability forecast.

"While we are not predicting a particularly active Solar Cycle 25, violent eruptions from the sun can occur at any time," said Doug Biesecker, panel co-chair and a solar physicist at NOAA's Space Weather Prediction Center ([SWPC](#)).

Operating Tip

(The ARRL Contest Update for April 3, 2019)

Monitor your Transmitted Signal

If you're using an amplifier and compression, a good practice is to monitor your transmitted signal for splatter, hum, distortion, and other undesirable characteristics using spectral monitoring tools. Since many modern radios ship with these capabilities

built in, you could probably ask another operator with these tools to take a picture of your signal with their phone and send it to you. A splatter-infused 8-kHz-wide signal caused by gratuitous compression might earn some elbow room in crowded band conditions during a contest, but the cost might be a DQ from the contest sponsor for "unsportsmanlike conduct." Make sure you understand what you're seeing, and that the methods used reflects transmission characteristics, and not artifacts of the receiving setup.

Word to the Wise

(The ARRL Contest Update for April 3 and 17, 2019)

Buckshot

Another term for signal splatter, usually caused by too-high microphone gain combined with compression.

Kovar

Kovar is a brand name of a nickel-cobalt iron alloy that exhibits the same physical thermal expansion properties of borosilicate glass. Glass tubes of the sort that might be found in high power amplifiers have metal pins that transition from inside the tube to outside the tube. This transition is tricky, since it's important that atmosphere and vacuum stay separated. Alloys like Kovar are used to ensure that the glass and pins expand and contract together to maintain the integrity of the tube.

Conversation

(The ARRL Contest Update for April 3, 2019)

Sometimes It's Not Helpful to be Helpful

While operating in the CQ WW WPX Contest last weekend conditions made it difficult to copy the exchange of some stations. This sometimes required asking for multiple repeats to tease the serial number out of the ether between QSB and QRM. It's part of the game, the reason why this contest uses a non-prefillable datum for the exchange.

Multiple repeats are time consuming and can be frustrating for the stations involved in the QSO. For any other stations waiting for a contact and listening to both sides, it also must be frustrating, especially if they can hear both sides clearly.

A couple of times during the contest, one of the listening/waiting stations would "help" me or the other side by conveying the exchange information. This is **not OK. Do not do this.**

In the one instance that I recall most vividly, I'd finally copied the exchange in the clear, at a QSB peak, when there wasn't QRM, and was about to confirm to the sender when the exchange information also came in loud and clear from someone else on the frequency. I did not feel a sense of relief - quite the opposite. I was disappointed. Since I'd worked so hard on getting that exchange, my efforts were instantly diminished by that two-digit utterance by someone who was impatient and didn't want to wait.

I don't know which of my subsequent callers actually provided that bit of information. In reading the [rules](#), I don't see that this practice is specifically forbidden, but I would classify it under "unsportsmanlike conduct." Is this a situation to be remedied? Is there even a remedy to this situation? Throw out the QSO, which punishes the wrong parties? Or like so many other aspects of contesting, do we trust the integrity of the operators involved in the actual QSO to interpret whether the QSO should be logged as valid?

That's all for this time. Remember to send contesting-related stories, book reviews, tips, techniques, press releases, errata, schematics, club information, pictures, stories, blog links, and predictions to contest-update@arrl.org

73, Brian N9ADG

"Mentoring the Next Generation" is Hamvention and ARRL 2019 National Convention Theme

(The ARRL Letter for April 18, 2019)



With an eye toward helping new and inexperienced hams enjoy the full range of activities that Amateur Radio has to offer, [Hamvention](#)[®] and the ARRL 2019 National Convention will embrace the theme of "Mentoring the Next Generation." Hamvention hosts the National Convention May 17 - 19 at the Greene County Fairgrounds and Expo Center in Xenia, Ohio. This will mark the third year for Hamvention at its new venue. A contingent of ARRL staff and member-volunteers will join

forces to make available many ARRL exhibits and resources to Hamvention visitors. The centerpiece of ARRL's participation will be ARRL EXPO in Building 2. An extensive roster of [exhibits and activities](#) is available.

Instructors from the ARRL Teachers Institute for Wireless Technology will be on hand to bring wireless and electronics theory to life in hands-on demonstrations and lessons. They'll also touch on satellite communications, microcontrollers, and the fundamentals of robotics. At a Sunday forum called "Discovering Radio Communications" (10:30 AM - 11:30 AM in Room 2), presenters for the Teachers Institute will highlight a variety of instructional experiences and ideas.

As part of its mentoring focus, ARRL has invited members of the Nashua (New Hampshire) Area Radio Society to Hamvention and ARRL EXPO to share the club's effective and well-developed outreach program. The ARRL Special Service Club, which boasts more than 200 members and is being recognized as the 2019 Hamvention Club of the Year, caters to radio amateurs of all interests and experience levels. NARS will host an interactive exhibit that may serve as a model for other radio clubs to emulate as well as a Friday forum, "ARRL Spotlight on Radio Clubs and Mentoring" (11:50 AM - 1:05 PM) in Room 3. ARRL-sponsored forums will include:

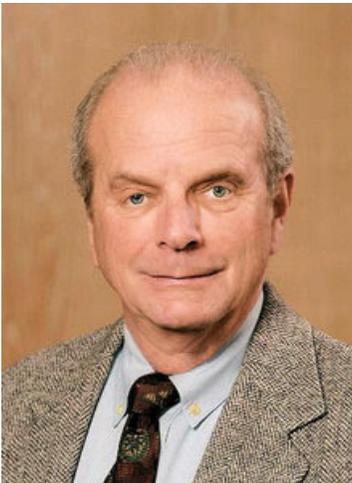
- ARRL Laboratory Manager Ed Hare, W1RFI, will present "The ARRL Lab: Trials, Tribulations and (Tall?) Tales," on Friday (9:15 AM - 10:30 AM) in Room 3.
- ARRL Great Lakes Director Dale Williams, WA8EFK, will moderate the popular ARRL Forum on Saturday (12 PM - 1:15 PM) in Room 3.
- ARRL CEO Howard Michel, WB2ITX, will speak on "Engaging Today's Radio Amateur" on Saturday (1:30 PM - 2:30 PM) in Room 3.
- Riley Hollingsworth, K4ZDH, a familiar face to many Hamvention visitors from his days with the FCC, will be on hand Sunday (9:15 AM - 10:15 PM) in Room 2 to discuss "ARRL's New Volunteer Monitor Program and the FCC."
- An [ARRL Wouff Hong Ceremony](#) will take place Saturday at 9 PM at the Marriott at the University of Dayton (Tradewinds Pavilion), sponsored by the ARRL Ohio Section. The traditional Wouff Hong ceremony is steeped in mystery and represents a tradition that goes back to the early days of ARRL history. Register online.



ARRL and FCC Sign Memorandum to Implement New Volunteer Monitor Program

(The ARRL Letter for April 18, 2019)

ARRL and the FCC have signed a *Memorandum of Understanding (MOU)* that paves the way to implement the new and enhanced Volunteer Monitor program. The memorandum establishes the Volunteer Monitors as a replacement for the Official Observers (OO) program. Current OOs have been encouraged to participate in the new program.



**Riley Hollingsworth,
K4ZDH.**

"We are excited by the opportunity to codify our partnership with the FCC and to work together to achieve our mutual interests of protecting the integrity of our Amateur Radio bands," said ARRL President Rick Roderick, K5UR. "This *Memorandum of Understanding* will serve as the foundation for a new level of partnership on this very important issue."

ARRL has contracted with retired FCC special counsel and former Atlantic Division Vice Director Riley Hollingsworth, K4ZDH, to oversee the ARRL's role in the development and implementation of the Volunteer Monitor program.

Approved by the ARRL Board of Directors at its July 2018 meeting, the new Volunteer Monitor program is a formal agreement between the FCC and ARRL in which volunteers trained and vetted by the ARRL will monitor the airwaves and collect evidence that can be used both to correct misconduct or recognize exemplary on-air operation. Cases of flagrant violations will be referred to the FCC by the ARRL for action in accordance with FCC guidelines.

The intent of this program is to re-energize enforcement efforts in the Amateur Radio bands. It was proposed by the FCC in the wake of several FCC regional office closures and a reduction in field staff.

"Under this program, the FCC will give enforcement priority to cases developed by the Volunteer Monitor program, without the delay of ARRL having to refer cases through the FCC online complaint process," Hollingsworth said.

Hollingsworth has committed to FCC and ARRL officials to ensure the adequacy of training for the new positions, to review the quality and utility of Volunteer Monitor submissions to the FCC for enforcement actions, and to advocate for rapid disposition of cases appropriately submitted to the FCC.

ARRL officials estimate that the first Volunteer Monitors will be in place and ready to begin their duties within 6 to 9 months.

ARRL HAS ROLLED BACK OUTGOING QSL BUREAU RATES TO 2011 LEVELS

(The ARRL Letter for April 18, 2019)

effective May 15, 2019, the new rates will be: \$2 for 10 or fewer cards in one envelope; \$3 for 11 - 20 cards in one envelope, or 75 cents per ounce for packages with 21 or more cards. For example, a package containing 1.5 pounds of cards -- 24 ounces, or about 225 cards -- will cost \$18. There are no transaction service fees. Any cards received before May 15 will be charged the current rate. There will be no adjustments for cards received before May 15. [More information](#) is on the ARRL website.



Department of Defense to Transmit Interoperability Exercise Info via WWV/WWVH

(The ARRL Letter for April 4, 2019)

The US Department of Defense (DOD) plans to start making use of a provisional time slot on WWV and WWVH to announce upcoming HF military communication exercises and how the Amateur Radio community can become involved in them. The announcements will occur at 10 minutes past on WWV and at 50 minutes past on WWVH. WWV and WWVH transmit on 2.5, 5, 10, 15, and 20 MHz.

"DOD's use of the broadcast time slot on WWV/WWVH will benefit the MARS program's mission of outreach to the Amateur Radio community," said US Army Military Auxiliary Radio System (MARS) Program Manager Paul English, WD8DBY. "The actual messages to be broadcast are coordinated by the DOD Headquarters that the MARS program supports."



The initial announcements are set for the period from April 20 - May 3, which coincides with the "Vital Connection" interoperability exercise to be held in Wisconsin. Future time slots will coincide with the Vital Connection exercise Ohio in June; DOD COMEX 19-3 in August, and the DOD COMEX 19-4 in October. Following the proof of concept this year, DOD anticipates making use of the WWV/WWVH broadcast time slot full-time, year-round.

At the outset, broadcast messages will likely be static. For future exercises, announcements could be updated throughout an exercise. The messages will direct listeners to a specified website to provide reception reports and feedback.

The reception report will also ask the listener to submit a survey that will be shared among DOD, MARS, and WWV/WWVH personnel. English said that the survey will ask listeners questions about how often they listen to WWV/WWVH signals, how they use them, and what types of messages they would like to hear, but he notes that the survey is still under development.

"We want to provide feedback to WWV/WWVH to improve situational awareness of who is using their service and how it's being used, as well as future considerations," English said.

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

There have been no listings to post for this month's newsletter. That may be a good thing if everyone is enjoying using the equipment they have. But, if anyone would like to have their ham equipment find a new home and not be left all alone in a closet or storage unit to be forgotten, feel free to have it posted here.

This is the opportunity for you to list your amateur radio related items you either have for sale, swap or trade. Listings must be of a non-commercial nature. Pictures of the items can be included.

OARC will not be responsible for any claims that are made in the listings. OARC reserves the right to reject a submitted item if it is deemed to be inappropriate.

A listing will not be repeated from month to month unless it is resubmitted.

Be sure to include your full name, call, and contact information, along with an exact description of the item.

Send your amateur radio related items by email directly to: James Deuel, NOXIA, jdeuel@oarc.org in the following format:

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

Item #1: (Description) Asking price: \$

Item #2: (Description) Asking price: \$

Or

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

Any item received after the 20th of the month will not be included in the next month's issue of *The Listening Post* newsletter.

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.

73
James, N0XIA
jdeuel@oarc.org

Weekly Radio Network Meetings

| | | |
|---------------------|---------|--|
| Mon @ 20:00 | 147.460 | Seminole ARES Net |
| Tues @ 19:00 | 145.350 | Osceola ARES Net |
| Tues @ 19:30 | 147.195 | Quarter Century Wireless Association |
| Tues @ 20:00 | 146.760 | Wayne Nelson Trader's Net |
| Wed @ 19:00 | 147.300 | Disney Emergency Amateur Radio Service |
| Wed @ 21:00 | 432.090 | Florida Weak Signal Group |
| Thur @ 19:00 | 443.050 | Orange County ARES Net |
| Thur @ 20:30 | 432.090 | Florida Weak Signal Group |



OARC Meetings and Events 2019

| | |
|--|--|
| May 1, Wednesday | Meeting , 7:30pm at the Beardall Center |
| June 5, Wednesday | Meeting , 7:30pm at the Beardall Center |
| June 22-23, Saturday & Sunday | ARRL Field Day 2019 , Orlando Fairgrounds |
| July 3, Wednesday | Meeting , 7:30pm at the Beardall Center |
| August 7, Wednesday | Meeting , 7:30pm at the Beardall Center |
| September 4, Wednesday | Meeting , 7:30pm at the Beardall Center |
| October 2, Wednesday | Meeting , 7:30pm at the Beardall Center |
| October 13, Sunday | Ride 4 Ronald |
| November 6, Wednesday | Meeting , 7:30pm at the Beardall Center |
| December 4, Wednesday | Meeting , 7:30pm at the Beardall Center |
| December 7, Saturday | Christmas Party *** Buy Tickets Sep, Oct, Nov, at club meetings (No purchases at the door), Don't forget an unwrapped toy for a tot |
| January 1, Wednesday | Meeting Canceled |



December 2019 Meeting Announcement

This year we will be having a December meeting. The Meeting will be held on Wednesday December 4, 2019 at 7:30p at the Beardall Senior Center. There will NOT be a January 2020 Meeting as this is New Year's Day and Beardall is Closed.

