



Yavapai Signal

The Yavapai Amateur Radio Club – Prescott, Arizona – DM-34 – Volume 34 – No. 12 – December 2019

Upcoming Club Events				
Event	Date	Time	Place	Contact / Info:
General Meeting	TH 12/05/19	1900 MST 7 p.m.	Prescott Rodeo Grounds	Club Website
YARC Breakfast	TH 12/19/19	0800 MST 8 a.m.	BackBurner Restaurant, Prescott Valley	Don WB7TPH or Jeff WB7RFY
Transmitter Hunt	SAT 12/14/19	1300 MST 1 p.m.	OneAZ Credit Union parking lot, Gail Gardner Way & Willow Creek Rd., Prescott	Pete K6VVR or John WB9VGJ
General Meeting Programs — See page 4.				
Public Service Event Communication — See page 6.				

YARC:	Badges	Patches	Shirts
Features:	Name & Call	Club Name & Logo	With or Without Name & Call
Contact Person(s):	Sam Prather K7SCP	Sam Prather K7SCP	Pete Morrison K6VVR
Cost:	\$8.00 each	\$3.00 each	Without Name & Call \$20.00 — With Name & Call \$24.00 each

Club Website Registration
In order to receive the <u>Signal</u> (the club's official newsletter), you must be a member of the club. Make sure your email is correct by logging into our website (www.w7yrc.org), then clicking on the members tab and viewing your profile.

Welcome to the Yavapai Amateur Radio Club

The Yavapai Amateur Radio Club (YARC) is an ARRL affiliate Special Service Club. The club participates in many activities in the quad-city (Prescott, Prescott Valley, Chino Valley, and Dewey-Humboldt) area by providing communications for local events, emergency communications, and promotion of the hobby throughout the community.

Membership in YARC is open to any interested amateur or non-amateur alike. Dues are \$20.00 per year (full-time students \$15). YARC general meetings are usually at 1900 MST on the first Thursday of every month at the Danny Freeman Building, Prescott Rodeo Grounds, 840 Rodeo Drive in Prescott.

www.w7yrc.org

YAVAPAI AMATEUR RADIO CLUB – PO BOX 11994 – PRESCOTT AZ 86304-1994

Club Nets

Band	Mode	Frequency	PL	Night	Time
2M	FM	147.260 MHz	+103.5 Hz	Wednesday	1900 MST
2M	SSB (USB)	144.250 MHz	N/A	Wednesday	2000 MST
10M	SSB (USB)	28.444 MHz +/- QRM	N/A	Thursday	2000 MST
¾M	FM	447.650 MHz	-100.0 Hz	Saturday	0900 MST
Yavapai County ARES/RACES Nets					
2M	FM	147.260 MHz	+103.5 Hz	Monday	1830 MST
2M	FM	145.290 MHz	-127.3 Hz	Monday	1900 M
Club Repeaters					
2M	FM	146.880 MHz	-100.0 Hz	Open Use 24/7	Open Use 24/7
¾M	FM	447.650 MHz	-100.0 Hz	Open Use 24/7	Open Use 24/7

Submission Deadline for the Yavapai Signal from editor Loren Singh, AE7CG

The usual deadline for submission of articles and photos to appear in the Yavapai Signal is the 18th calendar day of each month. That gives me time to edit and format submissions, and to have the newsletter available for distribution to the club membership by the 20th calendar day of each month. The aim is to have the newsletter in the hands of club members approximately 10 days or so before the holding of the general meetings on the first Thursday of each month.

ae7cg@arrl.net

Share Your Surplus Items

Bring any ham related surplus items that you no longer need to the next club meeting. There will be a table at the meeting where your items can be placed. Let your fellow club member take those things that they want. The table will be available at each monthly meeting.

Canned Food Donations

Bring your non-perishable food items to the monthly club meetings and Terry Pemberton KB7TRE will take them to the local food bank. Give your bagged items to Terry.



From the President's Desk by Bill Noe, WG7W

Time flies while you are having fun and we must be having lots of fun. It seems that the year just can't be done but here we are rapidly approaching December.

This can be a time we reflect back on what we accomplished this year. We had many successful activities, our annual party, a wonderfully successful Hamfest, a great Field Day, much participation in our community events, selection and presentation of two very important awards for our club and a special event celebrating the NRA birthday.

We continue to have multiple activities each month that everyone is invited to and encouraged to participate in, so many different meal get-togethers, the transmitter-fox hunts, our general membership meetings and our board meetings. We have our highly successful licensing classes and VE sessions helping to make a future for amateur radio and our club brighter.

For those of you that participated in these events, I thank you. You have given those who worked so hard and diligently on the activities and events feelings of purpose and accomplishment.

Now is the perfect time to begin planning for the coming year. Your board and related committees will be publishing a calendar of events. Many events are already on the club calendar available on our website. Instead of being surprised and missing events preview our calendar and then put the events you are most interested in on your calendar.

When you make up your calendar try a few things that you haven't done before. If you haven't made it to a transmitter fox-hunt, plan on attending one and give it a try. If you haven't worked a public event, contact one of the event coordinators or Frank K8FB to schedule your participation.

Amateur radio has grown in scope in the past few decades. There is so much more that is available and that you can do. Get out there and work with or help a fellow ham. You may be surprised what you are capable of doing and have a great time doing it.

As you read this Thanksgiving and Christmas will be rapidly approaching. I wish you wonderful holidays with friends and family. I hope you get your every wish granted.

I would also ask that you remember your fellow man. As much prosperity as many of us have there are still those that have great need. Please keep in mind those folks when you may be asked to share during the holidays. I know that if you do you will experience a great warmth in your heart for doing so.

Meeting Minutes

By decision of the board of directors, minutes of the board and general meeting minutes will no longer appear in the Yavapai Signal. They are posted online at the club's website:

www.w7yrc.org → Members → Login → Reports

- |
- Board Minutes
- Club Minutes

YARC General Meeting Programs, 2019-2020
by Joe Thomas, KG6IDN

Month	Presenter	Subject / Details
December	—	Club Members Appreciation
January	Doug Theriault NO1D	Allstar Digital Mode Used for VHF/UHF
February	Jo KF7WOT and Rob KG7LMI	ARES/RACES
March	Need Speaker	—

Mentor / Buddy

Our club is in need of help for new and no so new inexperienced Hams. There are a number of club members that have passed their license test but are asking, "Now what?".

Anyone interested in helping our club members in need or, if you are someone who needs help, please contact:

Dave Erlach W7VXS at w7vsx@w7yrc.org .

Mentor Buddies

Name	Call Sign	E-mail	Telephone
Don Bauer	WB7TPH	dbauer2250@aol.com	928.775.4690
Frank Bender	K8FB	fnb47@hotmail.com	928.379.5575
Pete Morrison	K6VVR	pm-service@cableone.net	928.899.8555
Bill Noe	W7PVA	w7pva@arrl.net	928.710.6925
Dick Hughes	W6CCD	w6ccd@arrl.net	928.759.0337
Ron Purcell	KI7EVK	728rwp@gmail.com	707.849.7099
Jack Szelka	AI1KL	radioaik@gmail.com	401.580.0330
Mike Reid	N7IEP	n7iep@arrl.net	480.250.6093
Sandy Meadowcroft	KF4JHC	sandymeado2@yahoo.com	928.660.8323
Mike Belanger	W1DGL	Fix_broke_airplanes@hotmail.com	520.831.4893

Amateur Radio License Testing Update
by Don Bauer, WB7TPH

On November 16, 2019 we had a license test session. Twelve candidates had pre-registered and we had two walk-ins. When all was said and done, everyone passed, giving us 12 new Technicians and 2 new Extras. Not a bad day all around. Next test will be in January (date not yet finalized).

A note to all Volunteer Examiners: There will be a meeting of all VEs on Wednesday, Dec 11, 2019 at 11:00 a.m. MST at the Golden Corral restaurant in Prescott. We have some important new items to go over, some changes to procedure, and some possible new goodies. This will be a no host lunch meeting. If you cannot attend, please let me know. — dbauer2250@aol.com



<p>Frank Bender, K8FB (Photo courtesy of Mike Belanger, W1DGL)</p>	<p>Kathy Laing, KJ6KMK (Photo courtesy of John Broughton, WB9VGJ)</p>
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YARC 2019 Awards
by John Broughton, WB9VGJ

At the November meeting two important awards were given out: The Lloyd Halgunseth WA6ZZJ Memorial award and a Lifetime Membership award. The memorial award is given to the person who has provided public service above and beyond the norm. The lifetime membership award is given to a club member who has provided exceptional service to and for the club.

This year, the awards went to two very deserving club members. The recipient of the Lloyd Halgunseth WA6ZZJ Memorial award was Frank Bender K8FB for his outstanding efforts in coordinating public service events. The recipient of the Lifetime Membership award was Kathy Laing KJ6KMK for her numerous contributions to the club. For her years of supporting Lloyd and public service events, his widow Jan was presented with a beautiful orchid.

The awards committee is composed of Dick Hughes W6CCD, Jeff Hanna WB7RFY, and me. For the Lloyd Halgunseth award, we receive the recommendation from the Yavapai County ARES/RACES organization with Bud Semon N7CW, ARES District Emergency Coordinator and RACES Radio Officer, and Rob Redford KG7LMI, Emergency Coordinator/Assistant Radio Officer doing the coordination.

The pictures are of N7CW presenting the award to K8FB; W6CCD presenting the award to KJ6KMK; and of the committee with KJ6KMK: WB7RFY, KJ6KMK, W6CCD, and WB9VGJ (L to R). Congratulations to the recipients!

Election Results — November 7, 2019 General Meeting
by Tim Norton, K7PVY

Vice President: John Snedden, KT7P
Secretary: Tim Norton, K7PVY
Board Member: Dave Erlach, W7VSX
Board Member: John Laing, K7PRS

Public Service Event Updates
by Frank Bender, K8FB

2019 Events Are Now Complete —

With the completion of the Man Against Horse Race event on October 5, the 2019 YARC public service events are over. We wish to thank John Broughton WB9VGJ, Dottie Akers WF7DS, Bob Thompson KC8BOB, and Frank Bender K8FB for planning public service events in 2019. Thanks also go to Rob Redford KG7LMI, who with the assistance of a number of other ARES/RACES members, brought the MARC vehicle to our events and was the lead net control operator for nearly all of our events in 2019. And we especially want to thank everyone who participated in our 2019 public service events – we can't do these events without your support.

Run Sedona Support Canceled —

We are no longer supporting the Run Sedona event that is held in February. As this event no longer has a full marathon, the event is now completely on paved roadways. The event has the support of the Sedona police and fire department, hence the event organizer felt that our services would no longer be needed.

Welcome New Event Planners —

We want to welcome and thank Terry Schultheiss KG7BAM and Don Sears N7PLL for volunteering to help plan YARC public service events beginning in 2020. Don has volunteered to plan our first event in 2020, the Whiskey Basin Trail Runs in April. Terry has volunteered to plan the Skull Valley Loop Challenge bike event in September. Frank K8FB has created a guide to assist Don and Terry in planning public service events.

Looking Forward to 2020 Public Service Events —

The first event of 2020 will be the Whiskey Basin Trail Runs on April 18. We will begin taking sign-ups for this event sometime after the first of the year. You can find the full calendar of public service events on the YARC website at <http://www.w7yrc.org/public-service-events/>. We look forward to your participation in the club's public service events in 2020. If you have an interest in trying your hand at planning a public service event in 2020, contact Frank Bender K8FB at k8fb@arrl.net.

Interested in a Fusion C4FM Digital Net / Roundtable?
by Tom Griswold, WN7E

I am checking to see if there is any interest in starting a net or roundtable for those with the Yaesu Fusion C4FM radios. Since the club has the 447.650 MHz repeater on Mt. Union, it has not gotten a lot of use — especially on the digital mode. If you are interested, send me an email. If there is a particular time and day of the week that is good for you, or if there is a time not good for you, let me know.

Also since this is digital, I can use the Wires-X to connect to the internet and we can accommodate those out of the area. All they would have to do is connect to my node or 'room' to join us. If nothing else, we can share knowledge of the digital modes and we can all learn how to use more of this technology.

Send information or questions to Tom WN7E at: wn7e@arrl.net.



How to get “plugged in” to the amateur radio community by Dan Romanchik, KB6NU

This morning, I found this email in my inbox:

"Thank you for your website and great content. I passed the Tech and General tests on Saturday, and I will be taking the Extra exam in November. Your "No Nonsense" guides were very helpful.

"I do have a question, though. How do I stay current on what's happening in the ham world? For example the CQ WW SSB contest was this weekend. How do newbies know this kind of thing? How do we find local or regional hamfests and other events?"

This is a great question. Like any special interest, it can seem daunting to get plugged in (pun intended) to the community. Here are a few of my suggestions:

Join the ARRL (<http://arrl.org/>). The American Radio Relay League (ARRL) is really the place to start for information related to amateur radio. [QST](#), the ARRL's monthly magazine, includes news about upcoming contests and ARRL-sanctioned hamfests. It also reviews new amateur radio products and provides a wealth of technical information.

In addition to [QST](#), the ARRL publishes many email newsletters that members can subscribe to. For example, Contest Update is a biweekly newsletter that not only lists upcoming contests, but also includes tips on operating contests. The ARES E-Letter is a monthly public service and emergency communications newsletters. There are also email newsletters for ham radio instructors, those interested in DX, legislative matters, and satellite operation.

Join your local club. While the ARRL will help you keep abreast of amateur radio news and events nationally and internationally, if you want to know what going on in amateur radio in your area, you should join your local club. To find clubs near you, go to <http://www.arrl.org/find-a-club>.

Visit the WA7BNM Contest Calendar (<https://www.contestcalendar.com/>). This contest calendar has become my go-to resource for any and all contest information. This site provides detailed information about amateur radio contests throughout the world, including their scheduled dates/times, rules summaries, log submission information and links to the official rules as published by the contest sponsors. Its features include an 8-Day calendar, a 12-Month calendar, and separate calendars for state QSO parties, CW contests, and QRP contests. You can also get a weekly e-mail of contests taking place in an 8-day period (Monday through Monday), as well as a list of contests scheduled for the next week and a list of log submission information for recent contests.

Ham radio blogs. Blogs are also a good way to keep up with what's going on in amateur radio. I like to think that I do a good job of covering what's going on in amateur radio, but, of course, I can't do it all. That being the case, you might also want read other blogs. Other amateur radio blogs that you might want to check out include:

- The K0NR Radio Site (<http://www.k0nr.com/wordpress/>)
- QRP—When you care to send the very least (<https://w2lj.blogspot.com/>)
- Everything Ham Radio (<https://www.everythinghamradio.com/>)

There are a bunch of other good ones out there. Find the ones you like and subscribe to them, so that you get a notification when new items are posted.

Mailing lists. Mailing lists are kind of old school, but if you have a special interest, chances are that there is a mailing list for it. For example, I own an Elecraft KX-3, so I subscribe to the Elecraft KX User Group mailing list (<https://groups.io/g/Elecraft-KX>). Many amateur radio mailing lists are migrating to the Groups.io. To find a list, just click on the "Find or Create a Group" link at the top of the page. I just did a search for "amateur radio" and found 910 different amateur radio mailing lists.

Podcasts and videocasts. Podcasts are also another great way to stay up with amateur radio. I'm partial to the ICQPodcast (<http://icqpodcast.com/>) because I am on the panel once a month. The podcast not only includes a discussion of what's new in amateur radio, but also a feature, which digs a little deeper into a particular topic. Other great podcasts are Ham Radio Workbench (<https://www.hamradioworkbench.com/>), and Linux in the Ham Shack (<https://lhspodcast.inf>). Internet video shows that are worth checking out are Ham Radio 2.0 (<https://www.livefromthehamshack.tv>), Ham Radio Now (<https://www.hamradionow.tv/home>), and Ham Nation (<https://twit.tv/shows/ham-nation>).

This is by no means an exhaustive list. If you have an amateur radio information resource that you find particular helpful, please let me know.

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Dan Romanchik, KB6NU, is the author of the KB6NU amateur radio blog (KB6NU.Com), the "No Nonsense" amateur radio license study guides (KB6NU.Com/study-guides/), and often appears on the ICQPodcast (icqpodcast.com). When he's not trying to keep up with ham radio, he likes to build stuff and operate CW on the HF bands.



Amateur Radio Youth Camp in Romania by Heather Anderson, W8GEM

This past August, members of YARC partnered in a very special program everyday with youth in amateur radio. Atlantykrone Academy is a summer camp that takes place on an island, in the middle of the Danube River in Eastern Europe, near the village and the ancient ruins of Capidava. Here, guests and participants from all over the world plunge into the magical world of the island for ten day learning academy. Amateur Radio has been a highlight program for youth: from making contacts with people worldwide, launching weather balloons and making new friends, amateur radio brings people together and science to life.

This year Heather Anderson W8GEM from the World Genesis Foundation was onsite and supported by David Anderson K1AN and Pete Morrison K6VVR. They had the opportunity to join instructor and radio operator Mihai Stanca YO3CPR in a daily program introducing multiple aspects of amateur radio to students. Students made contacts with Qatar OSCAR-100, the first geostationary amateur radio transponder, a joint project between the Qatar Satellite Company (Es'hailSat), the Qatar Amateur Radio Society (QARS), and AMSAT Deutschland (AMSAT-DL) which provided the technical lead and covers one third of the planet. Students also had a chance to work on HF daily and evening Echo Link connections, including chats with America.

YO3CPR, K1AN, and W8GEM worked daily with students, helping them to make radio contacts. Students also joined the Fox Hunt challenges. K6VVR and K1AN joined in a Skype conference with students and teachers speaking about challenges, success and what they have learned through their experiences. Students showcased their transmitters that they soldered and assembled themselves using transmitters designed by students from the state of Arizona. They learned about using antennas and body fade to track and locate "to find the fox." There were daily challenges where students hid the fox and teachers hid the fox. Students worked in groups and with instructors to understand and discover the ways radio beacons are utilized in life today and tomorrow all while having a great time.

The whole experience was an excellent way to get more kids to participate in our hobby—for they are our future!

Experiences during the 4-day power outage (California PSPS Event)

by Marc Carson, KM6NHH — Ukiah, California

October 30, 2019

Hey guys, [KM6NHH](#) here, just wanted to share my experiences since power was cut off here in Northern California last Saturday and just restored here a couple hours ago. We were down (no commercial power to the home) just under 4 days. This was a "PSPS" or Public Safety Power Shutoff" event, in which power distributor PG&E cut off power to several counties during an extreme weather event (like hurricane-force winds, low humidity, and high-enough temperatures). The thinking by those who ordered this activity is that no electricity equals fewer fires during dangerous situations. Just under 1M electrical customers had their power cut off as a preventative measure.

Some people here in Mendocino County & other local areas are still down and will be down longer, even up to this weekend. I really feel for them, especially those with businesses that depend on electricity and internet access, as does mine. I hope their power comes back on very soon. It feels amazing to have lights and computers working again.

During this outage we had very good connectivity to repeaters with backup power. A huge thanks to the repeater operators who traveled to these sites to refresh the backup resources. Ham radio was an incredibly valuable asset and this was reaffirmed again and again. During this power outage there were several wildfire events that directly threatened life and property. It was a great feeling to have near-constant access on demand to hams who were sitting on hilltops observing the fire activity.

During the previous PSPS event warning earlier this month, in which we didn't lose power, my wife and I made the decision to purchase a generator. We bought a 2000W/1600W inverter generator by AI Power from our local Costco. It was literally a "hey honey, I'm at Costco and there's this generator," phone call. I told her to go for it, slightly bummed that I didn't have time to research it too much, but I'm really glad we got a generator. During the outage we ran the generator 2-3x daily for an hour for just the refrigerator/freezer, and fortunately it had enough power for that, so we didn't lose any food. After running the fridge I put the generator into Eco-mode for our electronics, including ham radios. I was a bit annoyed to realize that all we had were 16-gauge extension cords though, and plan to pick up 10 or 12 gauge cords in the future for those appliances. Having melted extension cords in the past, I was glad things worked out OK this time though.

I was fortunately very well prepared in the ham radio arena. I am something of a collector of HTs-as-gadgets, so I believe I could have made it through this outage just by switching HTs whenever a battery died. I also have a toolbox mobile rig with 2x 7ah SLABs. Most of the time during the outage I carried around my lucky radio, a UV-5R+ that was my first ever handheld, with a spare battery that fits into the coin pocket on my jeans. I am still frustrated that spare batteries aren't cheap for my Yaesu handhelds like the FT-65R, which has great squelch tail elimination, and I didn't end up carrying them around that much. I have Baofeng accessories and batteries in my home, office, and car because they're so readily available.

Last night (Tuesday night) the normal Tech Net was held on our County-wide repeater. 40 out of 41 check-ins were running on emergency power. WA6KLLK Len asked everyone to share lessons learned from the experience so far. There were a lot of really great tips shared on everything from radio to generators to other tech.

Overall: Ham radio was really amazing. So were ham radio operators. First of all, it was good company, with friends being available directly. And second, it was like the internet but faster for certain information. "Where can I get gas with a credit card?" answers in seconds. "How can I avoid long gas lines?" boom, instant information. "What's the latest on power restoration?" instant news. And so on. I can't guarantee it will be the same answers in your area, but I will say that when you network a bunch of people with radios, it can save a *lot* of trouble.

Quite a few times I heard people get on the air and say, "this is KJ6ABC, I just wanted to say I'm listening and very thankful for information I'm getting here that I'm not getting anywhere else. We don't have working phones or anything, just ham radios now."

Hitting day 4 felt really frustrating. We had not done any laundry in 4 days and we're a family of five, so the laundry room was piling up. The weather had changed and the evenings, nights, and mornings were now dipping into the 30s. On top of that, we were starting to have to get creative with ideas, because the same old stuff was boring, especially for kids. Card games, Legos...nah. I'd rather just wander around talking about being bored!

To sum up: Hams are great--we have built something amazing in this global ham radio community. It works. It really does work and is very helpful during emergencies. Keep up the good work everyone.



Time Out Timer...

by Christopher Buchanan, N7JND
Tucson Arizona

How many of you know what TOT stands for? It's found in most 2 meter and 440 and other radios both HTs and mobiles. If you are not familiar with TOT, get ready, as you are about to know what TOT stands for. TOT stands for Time Out Timer and should be one of the first things that you program in your radio.

Last week or maybe the week before, EAAR5 experienced yet another stuck microphone with a very nice television show playing in the background. This went on for over an hour which prompted me to write another newsletter article about the TOT. There is no shame in having an open mic as it's happened to most of us, including myself with my cat lying on my desk microphone for well over 3 minutes. Knowing my kitty, probably 3 hours. Luckily, I had my TOT set and my transmitter timed out after 3 minutes of key down. If I had not had my TOT set, my kitty could have had the key depressed for a very long time and you could have listened to over an hour of a cat purring which personally, puts me to sleep.

In all seriousness, most modern and many older FM mobiles & HTs, have a TOT setting in their menu. It's extremely important you set this value to 3 minutes for three main reasons which are:

— Save yourself from embarrassment. Stuck mics have great ears. They like to pick up words and other sounds and discussions that you probably don't want to be transmitting. I have heard it all including some great country music and I once heard someone read a credit card number out loud not knowing this was being transmitted. (I'm not kidding).

— Save your radio... Nothing burns out a final in a transmitter quicker than one being stuck on for hours. Most mobiles and HTs have very poor duty cycles when it comes to the transmitter being on. The finals can heat up very quickly and even the radio's heat sink can be extremely hot to touch as the heat sink is trying its best to do its job. Don't burn out your radio when the TOT can shut off your transmitter after 3 minutes and won't key up again until the PTT is released and keyed again.

— Stuck mics can tie up a repeater for a long time. Yes, most repeaters themselves have a TOT programmed in them. However, when the repeater times out, it will usually reset in a minute or so and start transmitting the stuck mic again. Keep in mind, when there's a stuck mic on the repeater, emergency traffic may not be able to get through.

Stuck microphones are pretty much preventable just by setting your Time Out Timer and hanging them up when not in use. It's one of the first things I do when I buy a new radio. If the new radio doesn't have a TOT, I don't buy it. Even our trusty Baofengs have a TOT setting in their menu. Also, put the microphone in its clip when not in use. Don't just throw it down onto the seat. Seats were not designed to be a mic holder. It's just going to get stuck open when something else is thrown on top of it. Remember you are responsible for what's being transmitted out of your radio. Take preventable measures to help prevent the stuck open microphone.



November 2019 Foxhunt
by John Broughton, WB9VGJ

The monthly foxhunt was held Sunday, November 10, 2019. Jeff WB7RFY and John WB9VGJ were the foxes. There were three teams for this hunt: 1) Pete K6VVR and Patrick KG7EWD; 2) Robert WA6FBA, Gary K6JXM, and Bernie W1RAD; and 3) Dae K1AN and Heather W8GEM.

The results of the hunt were:

Finish	Team	Time
1	K6VVR and KG7EWD	26 min.
2	WA6FBA, K6JXM, and W1RAD	1 hr. 26 min.
DNF	K1AN and W8GEM (Hunting for practice—did not have all the necessary equipment)	—

WB7RFY chose a great spot to hide the transmitters; along the Granite Creek trail adjacent to the athletic field at Mile High Middle School downtown Prescott. It was a beautiful location and a great day to sit under the trees with a light breeze causing countless leaves to fall off the trees. A perfect fall setting.

The three teams were basically 2 ½ teams as Dave and Heather didn't have all the necessary equipment for hunting from a distance. However, they had been with a block or two of the location of the transmitters. They were going to retire to the restaurant early and I invited them to come to where we were to see where we hid the transmitters. I had them call me on my cell phone so the remaining team hunting would not hear the location. When they arrived they got to practice close-in hunting with their HTs without directional antennas. They had fun and plan to participate in future hunts.

WB7RFY and I were surprised to see K6VVR and KG7EWD arrive in only 26 minutes. KG7EWD stayed in the car with his dog Sam and Pete completed the hunt for the team. We were surprised at how long it took the second place team to arrive, but we figured all the buildings downtown caused difficulties for WA6FBA's Doppler system. It was a very enjoyable afternoon.

You can see pictures of the hunt here:

<https://tinyurl.com/YARCFoxhuntNovember2019>

The participants had the usual after hunt socializing session at the Prescott Junction restaurant. We would encourage more folks to get involved in the hidden transmitter hunts. They are really fun and help develop direction-finding skills.

W7YRC 2M FM Net — 147.260 MHz, PL +103.5 Hz — Wed., 1900 MST
Note: NCS = Net Control Station

Call	Name	10/23/19	10/30/19	11/06/19	11/13/19
AE7CG	Loren	NCS	NCS	NCS	NCS
K6VVR	Pete	x	x	x	x
KF7ANX	Frank	x	x	x	x
KF7FPD	Jerry	x	x	x	x
KF7INF	Dennis	x	x	x	x
KF7PQV	Dan			x	x
KG6AY	Art	x	x	x	
W7HAM	Ralph	x	x	x	x
WA6AQK	Ken		x	x	x
WN7E	Tom	x	x	x	x
KG7EWD	Patrick	x	x	x	x
WA6FBA	Robert	x	x	x	x
NO1D	Doug				
KI7LXI	Sheila				
K7LMJ	Mike	x		x	x
WG7W	Bill	x			
W7WWB	Ron		x		
KJ7WED	Bob	x	x	x	x
K6PSR	Tony				
K6UWV	David	x			
N7IEP	Mike	x		x	x
KT7P	John	x	x	x	x
K1AN	David	x		x	x
W8GEM	Heather	x		x	x
W1RAD	Bernie	x	x		
WA6SCW	Pat		x		x
KA9CLD	Mike				x



The DX Store

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Breakfast and Lunch Gatherings

There are a number of lunch and breakfast gatherings in the area that are open to all radio amateurs and interested persons. Please let us know of any updates or corrections at info@w7yrc.org.

Third Thursday of the Month – **YARC** holds an informal **breakfast** gathering at the **BackBurner** Restaurant at 0800 MST. The restaurant is at 8400 Long Mesa Drive in Prescott Valley. Contact Don Bauer WB7TPH or Jeff Hanna WB7RFY.

Second Tuesday of the Month – **Quarter Century Wireless Association (QCWA)** brunch gathering, 1030 MST to 1230 MST at the **Golden Corral** Restaurant in Frontier Village in Prescott, off Highway 69. You do not have to be a QCWA member to attend.

Every Monday – **Dan Nichols (W6SAK SK) Memorial Lunch**, 1100 MST to 1230 MST at **roving locations**. Contact Bob Rosevear WB7RRQ, 928-458-7830, rosevear520@cableone.net; or Bob Smith WB6ODR, 928-443-9321, lsmith@cableone.net for the next location.

Every Wednesday – **Breakfast** at 0700 MST at the **Manzanita Grill** at the Antelope Hills Golf Course, near the Prescott airport.

Every Wednesday – **Lunch** – 1100 MST at **Costco** — “The Umbrella Club”

Yavapai Amateur Radio Club — W7YRC Club Station Access List — Effective July 26, 2019				
Permanent Station Access (defined by YARC role) —				
Name:	Call:	Lic. Class	Notes:	Telephone:
Bill Noe	WG7W	E	YARC President	928.710.6925 – Do not contact for access
Frank Bender	K8FB	E	Station Manager	928.379.5575 – OK to contact for access
Pete Morrison	K6VVR	E	W7YRC Trustee	928.899.8555 - Do not contact for access
Bud Semon	N7CW	E	ARES/RACES DEC	928.899.7400 - Do not contact for access
Rob Redford	KG7LMI	G	ARES/RACES EC	623.252.3980 - Do not contact for access
Jo Schultheiss	KF7WOT	G	ARES/RACES EC	928.925.0956 - Do not contact for access
Jim Zimmerman	N6KZ	E	Elmer Group	928.713.0542 - OK to contact for access
Art Protas	KG6AY	E	Elmer Group	928.227.2954 - OK to contact for access
Doug Freeman	KV8TD	E	N7GMH Trustee	928.759.0958 - Do not contact for access
Building Access for Other Reasons (includes station access) —				
Donald Bauer	WB7TPH	E	VE Chair	928.775.4690 - Do not contact for access
Kathy Laing	KJ6KMK	E	License Classes	928.778.2526 - Do not contact for access
Rotating Access (changes every July 1st)				
This category is limited and consists of volunteer members —				
Mike Belanger	W1DGL	E	Rotating Member	520.831.4893 - OK to contact for access
Tony Jackson	K6PSR	G	Rotating Member	562.644.0528 - OK to contact for access
Note to YARC Members — For station access, first try to contact the Rotating Access members. If you are not able to contact the Rotating Access members, then try to contact the other “OK to contact for access” members.				

Club Officers, 2020			
Officer	Name	Call Sign	Email Address
President	Bill Noe	WG7W	w7pva@arrl.net
Vice President	John Snedden	KT7P	vice.president@w7yrc.org
Treasurer	Sam Prather	K7SCP	treasurer@w7yrc.org
Secretary	Tim Norton	K7PVY	secretary@w7yrc.org
Director	Dave Erlach	W7VSX	w7vsx@w7yrc.org
Director	John Laing	K7PRS	k7prsextra@gmail.com
Director	Sandy Meadowcroft	KF4JHC	sandymeado2@yahoo.com
Director	Kathy Laing	KJ6KMK	kj6kmk.yarc@gmail.com
Director	Mike Reid	N7IEP	n7iep@arrl.net
Editor Emeritus	Joseph Oliver	AC6AA	joliver@cableone.net
Editor	Loren Singh	AE7CG	ae7cg@arrl.net
Webmaster	Randy Dashiell	W6TYV	webmaster@w7yrc.org