



Yavapai Signal

The Yavapai Amateur Radio Club – Prescott, Arizona – DM-34 – Volume 38 – No. 7 — July 2023

Upcoming Club Events				
Event	Date	Time	Place	Contact / Info:
General Meeting	No general meeting because of the Prescott Rodeo (June 28 to July 4) and Independence Day (July 4)	—	—	—
YARC Breakfast	July 20, 2023 Thursday	0800 MST 8 a.m.	Backburner Restaurant, Prescott Valley	Don WB7TPH or Jeff WB7RFY
Transmitter Hunt	July 8, 2023 Saturday	1300 MST 1 p.m.	5634 E. SR-69, Prescott Valley — Home Depot & Hobby Lobby parking lot	Pete K6VVR or John WB9VGJ
General Meeting Programs — See page 4.				
Public Service Communications — See page 5.				
Amateur Radio License Testing — See page 5.				

YARC:	Badges	Patches	Shirts
Features:	Name & Call	Club Name & Logo	With or Without Name & Call
Contact Person(s):	Jane Lerette K7ZHF	Jane Lerette K7ZHF	Pete Morrison K6VVR
Cost:	\$13.00 each	\$6.00 each	Without Name & Call \$20.00 — With Name & Call \$24.00 each

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 (7 p.m.) 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	Day or Night	Time
2M 70cm	FM	146.880 MHz 447.650 MHz	- 100.0 Hz	Mon. through Fri.	1300 MST 1 p.m.
2M 70cm	FM	146.880 MHz 447.650 MHz	- 100.0 Hz	Wednesday	1900 MST 7 p.m.
6M	FM	52.060 MHz / I 52.560 MHz / O	- 100.0 Hz	Friday	1830 MST 6:30 p.m.
10M	SSB (USB)	28.444 MHz +/- QRM	N/A	Thursday	2000 MST 8 p.m.
2M 70cm	FM	146.880 MHz 447.650 MHz	- 100.0 Hz	Saturday	0900 MST 9 a.m.

Yavapai County ARES/RACES Nets

2M	FM	147.260 MHz	+103.5 Hz	Monday	1830 MST 6:30 p.m.
2M	FM	145.290 MHz	-127.3 Hz	Monday	1900 MST 7 p.m.

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 Raymond Kolman, KI7COM

MY FIRST FOX HUNT

On Saturday, June 3, 2023, Debbie (KD7COM) and I went on our first T-Hunt as a team. We finished last but we did finish. For my first time doing any Fox Hunt I was very pleased that we were able to find the primary and secondary transmitters.

The equipment I used was a Field Strength Meter High Sensitivity Detector Radio Signal 126db Dynamic DW-400 and an Arrow Antenna Model 146.3. The combination of the two items worked great.

You can purchase your own Field Analyzer by doing a Google or eBay search for "Field Strength Meter High Sensitivity Detector Radio Signal 126db Dynamic DW-400." They sell for approximately \$105. For the antenna go with Arrow Antennas <https://arrowantennas.com/arrowii/146-3ii.htm> for around \$100.

Our Board Member, Byron Wilkinson KK7BFL, was the leader of the June T-hunt. Afterwards, we all met at the Prescott Junction restaurant for a discussion of the day's event. We will be having an instruction and hands-on practice regarding using an attenuator to find a transmitter at our September meeting. Hope to see everyone there and remember to be Radio Active!

2023 ARRL Field Day Volunteers Needed — Operators, Loggers, Foodies, and Others!



1800 UTC (1100 MST, 11 a.m.) Saturday, June 24 through 2100 UTC (1400 MST, 2 p.m.) Sunday, June 25, 2023

YARC will be participating in the 2023 ARRL Field Day at the Jeep Posse building in Pioneer Park at 1200 Commerce Drive in Prescott. The club's Field Day Chairman is Fred Pierce K7FWP, fieldday@w7yrc.org. Set-up will be on Friday, June 23 at 1600 MST (4 p.m.) — your help will be appreciated. The Youth Radio Group balloon launch is scheduled for 1100 MST (11 a.m.) on Saturday, June 24.

Ham stations will be operating there on Saturday, June 24, 2023. Everyone is welcome to attend Field Day. Families are welcome to attend. For additional information, see the club website at www.w7yrc.org/field-day/.

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](#)

Upcoming General Meeting Programs, 2023

by Mike Reid, WU7V

<u>Month:</u>	<u>Program:</u>
July	No Meeting — Volunteer for providing radio communication for the Prescott July 4 parade.
August	The program for the meeting is now being planned.

Mentor Buddies — Revised October 27, 2022

by Bill Noe, WG7W

Name	Call Sign	E-mail	Telephone
Don Bauer	WB7TPH	dbauer2250@aol.com	928.775.4690
Art Protas	KG6AY	kg6ay.dm34@gmail.com	928.227.2954
Jerry Warzeha	W7FNC	jerry.warzeha@hotmail.com	612.205.3810
Bill Noe	WG7W	wq7w@arrl.net	928.710.6925
Mike Belanger	W1DGL	fix broke airplanes@hotmail.com	928.710.2565
Ron Purcell	K17EVK	728rwp@gmail.com	707.849.7099
Jack Szelka	A11K	radioaik@gmail.com	401.580.0330
Mike Reid	WU7V	mdr126@gmail.com	480.250.6093
Sandy Meadowcroft	KF4JHC	sandymeado2@yahoo.com	928.660.8323

The Saturday Stalwarts — 146.880 MHz YARC Coffee Net — Saturday, 0900 MST (9 a.m.)

Mike K7LMJ serves as the net control station every Saturday morning.

Note: As of June 17, 2023, the 447.650 MHz repeater is out of service. The 146.880 MHz repeater is functional.

Volunteers on the Air (VOTA) — Request for Operators

by Mike Belanger, W1DGL

The YARC station, W7YRC, needs volunteer operators for the ARRL VOTA program (W1AW/7) beginning on August 30, 2023 and ending on September 5, 2023. The station will not be operating 24/7, but probably between 8 a.m. and 8 to 9 p.m. If you are interested, please contact me (W1DGL) by email at fix_broke_airplanes@hotmail.com or on Facebook Messenger. Indicate your hours of availability for that week so that I can develop an operating schedule and forward it to Brian Betz W7JET, who is coordinating activities statewide.



Upcoming YARC Public Service Events
by Frank Bender, K8FB

July 1, 2023 — Prescott Rodeo Parade

The Prescott Rodeo Parade is on Saturday, July 1. This is your chance to give back to the Prescott Rodeo Association for letting us use the Freeman building for our monthly meetings. Fill out the rodeo application/waiver form that can be downloaded at

<https://worldsoldestrodeo.com/wp-content/uploads/2023/01/2023-Volunteer-Waiver-fillable-form.pdf>

Fill out the form on both sides, write "YARC" on the top of the form and also next to the Parade selection and return the form to John Snedden KT7P at kt7p19@gmail.com.

Public service events are a great way to improve your operating skills and work the kinks out of your mobile or portable rig. This is a great opportunity for new and inexperienced hams as we will team you up with an experienced operator. You can participate even if you only have a VHF hand held transceiver. Come out and enjoy the beautiful outdoor venues that are offered with these events and give back to your community. Go to <https://www.w7yrc.org/public-service-events/> for more details.

License Testing
by Don Bauer, WB7TPH

We completed testing of 13 candidates on June 3, 2023. This first test session using ExamTools software was a success, wherein much of the former paperwork is now done by the software, streamlining the process considerably. Of the candidates tested, we had 4 new Technicians, 5 upgrades to General and 1 to Extra. Congratulations to all who passed.

Our next scheduled license test is **Saturday August 5, 2023**. The time is 9:00 AM at the Jeep Posse Building. Remember, the FCC Application Fee is now in effect. That means that new licensees will be assessed a \$35 registration fee directly from the FCC. It is delaying the receipt of licenses just a bit, depending on how quickly the candidate responds to the email from FCC.

A note to all our Technician licensees: Upgrading to General is not that difficult and it is very rewarding. We have mentors and classes to help. **Try it, you'll like it! And, the fee does not apply to simple upgrades.**

Upcoming License Testing

Date	City	Location	Time	Sponsor	Contact	Walk-in
08/05/23	Prescott	Jeep Posse Bldg.	9 a.m.	Yavapai Amateur Radio Club	Don Bauer 928.775.4690	Yes
10/07/23	Prescott	Jeep Posse Bldg.	9 a.m.	Yavapai Amateur Radio Club	Don Bauer 928.775.4690	Yes
12/02/23	Prescott	Jeep Posse Bldg.	9 a.m.	Yavapai Amateur Radio Club	Don Bauer 928.775.4690	Yes





June 2023 Foxhunt
by John Broughton, WB9VGJ

The June foxhunt was held Saturday, June 3, 2023. Byron KK7BFL and Don KI7IOM were the foxes.

There were six teams for this hunt, a very good turnout:

1	Robert WA6FBA, Bob WB6ODR, Rich WB7NRM, and Dottie WF7DS
2	Chris KK7JNE, Tobi KK7JNI, Audrey KK7CZP, and Hailey (no call)
3	Jeff WB7RFY, Keith KJ7GTX, and John WB9VGJ
4	Mike WU7V and Steve KG7SDY
5	Ray KI7COM and Debbie KD7COM
6	Pete K6VVR, Jerry KF7FPD, Gary K6JXM, and Diane KE7ODP

The results of the hunt were:

Finish	Team	Time
1	1	23 min.
2	3	24 min.
3	2	25 min.
4	6	35 min.
5	4	40 min.
6	5	1 hr. 28 min.

This was the third foxhunt held in Prescott Valley. The foxes hid the transmitters in the parking lot of the former Sears store in the Gateway Shopping Center in Prescott. The distance is within the rule that it has to be within 7.5 miles of the starting point as the raven flies. That means the starting point can be in one town and the transmitters in another.

It was a very successful hunt in that all of the teams found the transmitters and, as you can see, the times were very close between five of them. The foxes did not create a devious location or use any devious means. This was a straightforward hunt. From the starting point it was a drive right down Rt. 69 heading west and ending up in the parking lot on the south side of the highway. It was enjoyable not having to drive around many streets, some more than once, trying to obtain a good signal. It was a pleasurable hunt.

Congratulations to Team 1 for winning the hunt!

Here are pictures of the hunt:

<https://tinyurl.com/YARCfoxhuntJune2023>

We went to the Prescott Junction restaurant for our after-the-hunt socializing. We invite anyone interested in foxhunting, especially anyone who has not done it before, to join us. Those new to the hobby can ride with an experienced hunter. We always have a good time, win, lose or draw.

Attending the Dayton Hamvention by Dan Romanchik, KB6NU

Most people start going to Hamvention for the technology, and there was plenty of that this year. All the major manufacturers were there, including (in alphabetical order) Elecraft, Flex, Icom, Kenwood, MFJ, and Yaesu. There were some less well-known manufacturers there, too, including Alinco, HobbyPCB, QRPLabs, and QRPWorks. They were joined by a host of niche suppliers, who make and sell everything from antennas to Morse Code keys to batteries. And, of course, there's the flea market, where you can find all kinds of weird and wonderful electronic stuff.

People come for the forums, too. The theme for this year's Hamvention was Innovation! and many of the forums emphasized this aspect of amateur radio. This year's forum lineup included presentations on digital communications, software-defined radio, fast-scan TV, and Linux-based ham radio software.

People over technology

Technology was certainly the initial draw for me, but it's not why I keep returning. I didn't buy a single thing this year. What keeps me going back are the people. Every year, I meet old friends, hams who I've only met on the air, and make new friends. Last year, for example, I had dinner on Saturday with a fellow with whom I'd had many CW contacts, but never met in person. In fact, because we were operating CW, I'd never even heard his voice. We hit it off so well, that we again met for dinner this year. Not only that, we expanded our circle to include several other hams who we've worked before.

Here's another example. On Friday, an old friend came up to the booth to say hello. As it turns out, he was recently elected to the board of directors of the Quarter Century Wireless Association (QCWA). About 15 years ago, I was a member of QCWA, but let my membership lapse when I became disenchanted with the organization.

One of the reasons for my departure was that they actively discouraged me from starting a chapter here in Southeast Michigan. Their reasoning, as I recall, is that there was already a chapter in Michigan, even though its activities were mostly on the west side of the state. That made no sense to me at all.

This didn't seem to make much sense to my friend--the newly-elected QCWA board member--so we plan to explore this further at a later date. Who knows? We may yet form a SE Michigan chapter of QCWA.

This is just a small sample of the people I met this year. I also got to talk to some podcasters and YouTubers, a couple of fellows who recognized me from reading my blog or listening to me on the ICQ Podcast, and hams out in the flea market who had some interesting stories about the stuff they had for sale. You never know who you'll run into, what stories they'll tell you, and what you'll learn from them.

It's meeting people that keep me returning to Hamvention. If you've never been to a Dayton Hamvention, I'd encourage you to go at least once. If you do, I'm going to guess that you'll go back, and it won't be for the technology, but for the people.

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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 (<https://KB6NU.Com/study-guides/>), and often appears on the ICQPodcast (<https://icqpodcast.com>). When he's not at Hamvention, he teaches ham radio classes and operates CW on the HF bands.

New Membership Website by Mike Reid, WU7V

Big thanks and congratulations to Robert Riester WA6FBA for successfully transferring 300 plus membership records to HamClubOnline.com. Robert spent many hours handling membership data. He created a password system and a mass email application. We are very grateful for Robert's dedication in ensuring our club's success.

When directed to <http://hamclubonline.com/> you may need a new password — just click on "Forgot Password" and enter your call sign. If you don't have a call sign yet, use your appropriate email address. An email with instructions will be sent to you which may be the email address that the FCC has for you.

Send replies to VicePresident@w7yrc.org .



The DX Store

sales@dxstore.com

www.dxstore.com



Breakfast and Lunch Gatherings

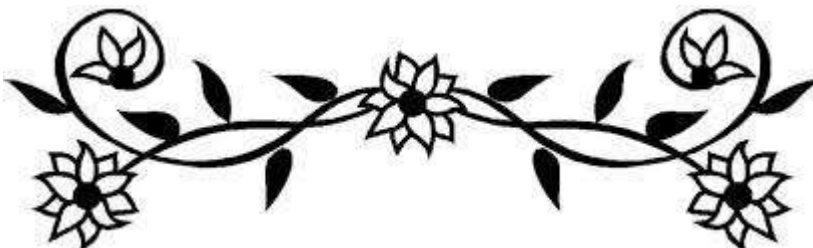
There are a number of breakfast and lunch gatherings in the area that are open to all radio amateurs and interested persons. Please let us know of any updates or corrections at info@w7yrc.org.

Third Thursday of the Month – **YARC** holds an informal **breakfast** gathering at the **BackBurner** Restaurant at 0800 MST (8 a.m.). 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 (10:30 a.m. to 1230 noon) at the **Golden Corral** Restaurant in Frontier Village in Prescott, off SR-69. You do not have to be a QCWA member to attend. **Note:** Because of a fire at the Golden Corral kitchen, the QCWA brunch gathering has been moved to the Panera Bread restaurant at 3065 Gateway Blvd. In Prescott.

Every Monday – Dan Nichols (W6SAK SK) Memorial Lunch, starting at 1145 at roving locations.
Contact Bob Rosevear WB7RRQ, 928.910.2273 for more information.

Every Wednesday – Lunch – 1045 MST (10:45 a.m.) at **Costco** – “The Umbrella Club,” now without the umbrellas!



Club Officers, 2023

Officer	Name	Call Sign	Email Address
President	Raymond Kolman	KI7COM	president@w7yrc.org
Vice President	Mike Reid	WU7V	vicepresident@w7yrc.org
Treasurer	Jane Lurette	K7ZHF	treasurer@w7yrc.org
Secretary	Tim Norton	K7PVY	secretary@w7yrc.org
Director	Mike Schnell	NC7X	nc7x@w7yrc.org
Director	Debbie Kolman	KD7COM	vista9@hotmail.com
Director	Ron Levine	—	—
Editor Emeritus	Joseph Oliver	AC6AA	ac6aa@arrl.net
Editor	Loren Singh	AE7CG	ae7cg@arrl.net
Webmaster	Robert Reister	WA6FBA	webmaster@w7yrc.org

Yavapai Amateur Radio Club — W7YRC Club Station Access List — Effective January 1, 2023

Permanent Station Access (defined by YARC role) —

Name:	Call:	Lic. Class	Notes:	Telephone:
John Snedden	KT7P	E	YARC Ex-President	909.844.5108 – Do not contact for access
Frank Bender	K8FB	E	YCJP Bldg. Mgr.	928.379.5575 – Do not contact for access
Mike Belanger	W1DGL	E	Club Sta. Mgr.	928.710.2565 – 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 ED	623.252.3980– 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 —

Jim Custer	WØHJ	E	Rotating Member	507.720.4053 – 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.**

