



Yavapai Signal

The Yavapai Amateur Radio Club – Prescott, Arizona – DM-34 – Volume 39 – No. 10 — October 2024

Upcoming Club Events				
Event	Date	Time	Place	Contact / Info:
General Meeting	October 3, 2024 Thursday	1900 MST 7 p.m.	Freeman Building, Prescott Rodeo Grounds	Club Website
YARC Breakfast	October 17, 2024 Thursday	0800 MST 8 a.m.	Backburner Restaurant, Prescott Valley	Don WB7TPH or Jeff WB7RFY
Transmitter Hunt	October 5, 2024 Saturday	1300 MST 1 p.m.	In front of LDS Church, 7073 Pronghorn Ranch Parkway, Prescott Valley	Pete K6VVR or John WB9VGJ
General Meeting Programs — See page 4.				
Public Service Communications — See page 6.				
Amateur Radio License Testing — See page 6.				

YARC Badges Show Your Name and Call Sign
To order, go to the website:
https://www.hamcrazy.com/index.php?main_page=product_info&cPath=14_20_74&products_id=500



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 — Revised, July 27, 2024

Band	Mode	Frequency	PL	Day or Night	Time
2M 70cm	FM	146.880 MHz 447.650 MHz	– 100.0 Hz	Monday	1200 MST 12:00 noon
2M 70cm	FM	146.880 MHz 447.650 MHz	– 100.0 Hz	Wednesday	1900 MST 7 p.m.
2M	SSB (USB)	144.250 MHz	N/A	Monday	1900 MST 7 p.m.
6M	SSB (USB)	50.140 MHz	N/A	Friday	1900 MST 7 p.m.
10M	SSB (USB)	28.444 MHz +/- QRM	N/A	Thursday	1900 MST 7 p.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.



From the President's Desk
by Raymond A. Kolman, Jr., KD7RK
president@w7yrc.org

Fall is here. We finally will get to see everyone again at our October 3, 2024 general meeting. That will be a good thing. The meeting will be at our normal site at the Rodeo Grounds in the Freeman Building starting 7 p.m. (1900 MST)

We have candidates for the Board and Treasurer but we don't have a candidate for President. Think about running for this office.

Next, for a look at the future, the following section was written and created by A.I. using a Google App.

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Ham radio, or amateur radio, can be a vital communications service during emergencies:

- **Reliable alternative**

Ham radio can be used when standard communication systems fail or are overwhelmed, such as when cellphone towers go down or in areas with limited coverage.

- **Emergency preparedness**

Ham radio operators are dedicated to emergency preparedness and can quickly troubleshoot issues and restore communication.

- **Disaster management**

Ham radio operators have been used in many emergencies, including hurricanes, earthquakes, flooding, and power outages.

- **Amateur Radio Emergency Communications (RACES)**

This program is authorized by the FCC and endorsed by FEMA and the Department of Homeland Security. RACES can be activated for emergencies such as natural disasters, technological disasters, manmade disasters, and acts of war.

Here are some things to consider when using ham radio in an emergency:

- **Distress calls**

To make a distress call, you can say "Mayday" or send the Morse code signal SOS. You should also include your location, the nature of the emergency, and the type of assistance you need.

- **Response**

If you hear a distress signal, you can respond to the call and record the same information as if you were making a distress call.

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The article above is Scary isn't it. Will A.I. be the future of writing? Stay Radio Active!

Upcoming General Meeting Programs, 2024

by Steven E. Stock, WAØA

<u>Month:</u>	<u>Program:</u>
October	"How to Operate as POTA and SOTA," by John Snedden, KT7P
November	Election of Club Officers; and "Introduction to DX-ing," by Bud Semon, N7CW
December	Members Appreciation Dinner

Mentor Buddies — Revised July 31, 2024

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	wg7w@arrl.net	928.710.6925
Mike Belanger	W1DGL	fix_broken_airplanes@hotmail.com	928.458.9346
Ron Purcell	KI7EVK	728rwp@gmail.com	707.849.7099

Yavapai Amateur Radio Club — Youth Group

Elmers: David K1AN and Heather W8GEM Anderson

September 21 — Saturday, 9:30 a.m. – 12:30 noon — Antenna Build — Radio Direction Finding — 1523 Overlook Dr., Dewey

Build your own radio direction finding antenna. Class is FREE for youth, \$20 for adults. Space is limited. Call David K1AN at 520.831.0080 to confirm your reservation.

October 5 — Saturday, 9:30 a.m. – 12:30 noon — Radio Direction Finding Practice — 1523 Overlook Dr., Dewey

Bring your new radio transmitters and antennas. It is time to learn how to use your system to track and find your hidden transmitters.

October 19 — Saturday, 10:00 a.m. – 12:30 noon — Youth-led Annual Foxhunt and Picnic — Fain Park., 2200 N. 5th St., Prescott Valley

Youth organizers should arrive at 9:00 a.m.

New Membership Website

by Steven E. Stock, WAØA

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 .





Transmitter Hunt, September 7, 2024. Prescott (Photos courtesy of Fernando Mendigutia KJ7QHI)
 Upper Row, Left to Right: K6VVR, KI7IOM — Lower Row, Left to Right: WB9VGJ, WB7RFY
 Right Panel: WA6FBA

For Sale: Icom IC-706MkIIIG Transceiver

Asking: \$750.00

Contact: Mike Belanger, W1DGL

928.458.9346

fix_broken_airplanes@hotmail.com

HF: 160M – 10M; VHF: 6M, 2M; UHF: 70 cm.

Also includes:

Kenwood PS-30 power supply with 4-pin Cinch-Jones plug.
 Separation cable and mounting bracket for the (removable) faceplate (11' long).

CI-V cable (10' long).

6½' long mobile power cable.

18" long power cable with 4-pin Cinch-Jones connector

Foot switch and Icom adapter for Heil (IC-style) headsets.

2 hand microphones:

Icom HM-103 standard mic

Icom HM-154T DTMF mic

Extension cable with RJ-45 connectors for use with footswitch (rear panel connection).

Computer briefcase-style carrying case for all (yes, it all fits in it).

Local pickup available - NO CHECKS, please.

Last YARC Public Service Event of 2024
by Frank Bender, K8FB

Whiskey Row Marathon

The Whiskey Row Marathon, sponsored by the Prescott YMCA, will be held on October 12. If you can help with this event, contact John Snedden KT7P at kt7p19@gmail.com.

While these enjoyable events support our community, you can also improve your operating skills, test your portable/mobile equipment, and meet different club members — all in beautiful outdoor areas surrounding Prescott. If you are new or inexperienced to these events, we will pair you up with someone experienced. If you at least have a VHF FM handheld transceiver, you can easily get started participating in our public service events.

Thank you to everyone who participated in a public service event in 2024. It takes a whole lot of volunteers to make all of these events happen.

License Testing Changes
by Don Bauer, WB7TPH

Over the past two years Yavapai ARCs license testing team has entered the world of digital license tests. The transition has not been without problems and stumbles along the way. Beginning when I was contacted by Gene McDole KK7GKO, who asked if I was interested in online license testing. We had been happily testing using paper and pencil since way before I became the YARC testing liaison. But I listened to Gene and became interested. Then came the learning curve and challenging our team to get on board with this new thing. A few decided to sit it out, others began the task of learning a new method of testing.

As it turned out, there are several advantages to using online software for testing. Not the least of which are speed of turn around and reduction in paperwork. By now, we have conquered most hurdles and are smoothly testing every other month using computer tablets. Dave Erlach N5MB is leading the Prescott VE team on alternate months, providing weekday evening testing. They too are using the ExamTools online platform. Overall, we are pleased with the transition.

We did begin to see the proverbial Handwriting on the wall about a year ago. ARRL had begun producing QST in digital format some time ago. Then they said it would become the primary format, finally reducing print editions to a few for newsstands and some life members. At the same time, we saw more and more magazines going digital or shutting down entirely. It probably isn't necessary to explain why; COST. Finally, in the July 2024 issue of QST, ARRLs Maria Somma reported that the July 2024 revision of the Extra Class license test would be the last to be produced on paper. All future tests will use the ExamTools online platform exclusively. All ARRL VE teams will be required to make the change to digital online testing. As the cost of paper test booklets, mailing etc. became astronomical, an era has come to an end.

Upcoming License Testing

Our next scheduled license test is Saturday, October 5, 2024. The time is 9:00 AM at the Jeep Posse Building in Prescott. Remember, the FCC Application Fee means that new licensees will be assessed a \$35 registration fee directly from the FCC. The test registration fee we collect is still \$15. 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.**

Below are all remaining scheduled test sessions for YARC and Prescott VE (who alternates with us) for 2024.

Date	City	Location	Time	Sponsor	Contact	Walk-in
10/05/24	Prescott	Jeep Posse Bldg.	9 a.m.	Yavapai Amateur Radio Club	Don Bauer 928.775.4690	Yes
11/05/24	Prescott	Prescott Library, 215 Goodwin St.	5 p.m.	Prescott Volunteer Examiner Sessions	Dave Erlach 928.239.1083	No
12/07/24	Prescott	Jeep Posse Bldg.	9 a.m.	Yavapai Amateur Radio Club	Don Bauer 928.775.4690	Yes



September 2024 Foxhunt
by John Broughton, WB9VGJ

The September foxhunt was held Saturday, September 7, 2024. Robert WA6FBA was the fox.

There were three teams for this hunt:

1	Jeff WB7RFY, Keith KJ7GTX, and John WB9VGJ
2	Andy N7AAW and Don KI7IOM
3	Pete K6VVR, Fernando KJ7QHI, Gary K7JXM, and Brina (no call)
4*	Richard WB7NRM and Sharon KK7NNK

* WB8NRM and KK7NNK could not participate as they were unable to hear the primary transmitter at the starting point.

The results of the hunt were:

Finish	Team	Time
1	3	49 min.
2	2	53 min.
3	1	1 hr. 42 min.

The signal was extremely weak at the starting point. Subsequent readings seemed to indicate the transmitter was on Solstice Mesa where the petroglyphs are. Upon getting there, the indications were the transmitter was farther north. We went through Embry-Riddle Aeronautical University and by the Armory near the zoo, but did not find it. We then went north of the roundabout on Pioneer Parkway to the new subdivision under construction.

When we got to the T intersection, indications were the transmitter was west. We started down the unpaved road and it became rather rough. It was very hilly and we didn't think WA6FBA would drive his truck in there. We then went to Williamson Valley Road and drove north a ways and turned west into a populated area. At the dead end streets, the readings showed the transmitter was east of us in the direction of where we had come from. So, we went back to the new subdivision and went down the unpaved road again. When we got as far west as it went, we turned north and went down a hill. We knew we were very near the transmitter, but didn't see anything. I called WA6FBA on the phone to tell him we were extremely close but didn't think we could find the transmitter. Then, the road turned around a hill and there was WA6FBA. We did find both secondary transmitters which WA6FBA had on the same frequency transmitting 30 seconds apart. Sneaky, that.

Congratulations to Team 3 on winning the hunt!

You can see pictures of the hunt at:

<https://photos.app.goo.gl/ScfByjC54euBszq3A>

We went to the Prescott Junction restaurant in Prescott for socializing after the hunt.

We invite anyone interested in foxhunting, especially anyone who has not done it before, to join us.

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.

Every Wednesday – Lunch – 1030 MST (10:30 a.m.) at **Costco** – “The Umbrella Club,” now **with** the umbrellas!



Club Officers, 2024

Officer	Name	Call Sign	Email Address
President	Raymond Kolman	KD7RK	president@w7yrc.org
Vice President	Steven E. Stock	WAØA	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	W1QT	w1qt@w7yrc.org
Director	Byron Wilkinson	KK7BFL	kk7bfl@w7yrc.org
Director	Bernard A. Sakowicz	W1RAD	w1rad@w7yrc.org
Past President / Director	John Snedden	KT7P	kt7p@w7yrc.org
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 — Revised May 21, 2024

Permanent Station Access (defined by YARC role) —

Name:	Call:	Lic. Class	Notes:	Telephone:
Raymond Kolman	KD7RK	E	YARC President	928.273.1956 – Do not contact for access
John Snedden	KT7P	E	YCJP Bldg. Mgr.	909.844.5108 – Do not contact for access
Mike Belanger	W1DGL	E	Club Sta. Mgr.	928.458.9346 – 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
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

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 —

Tony Jackson	K6PSR	G	Rotating Member	562.644.0528 – OK to contact for access
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Note to YARC Members —
For station access, first try to contact the Rotating Access member.
If you are not able to contact the Rotating Access member, then try to contact the other “OK to contact for access” members.

