



Yavapai Signal

The Yavapai Amateur Radio Club – Prescott, Arizona – DM-34 – Volume 40 – No. 8 — August 2025

Upcoming Club Events				
Event	Date	Time	Place	Contact / Info:
General Meeting	August 7, 2025 Thursday	1900 MST 7 p.m.	Freeman Building, Prescott Rodeo Grounds	Club Website
YARC Breakfast	August 21, 2025 Thursday	0800 MST 8 a.m.	Backburner Restaurant, Prescott Valley	Don WB7TPH or Jeff WB7RFY
Transmitter Hunt	August 9, 2025 Saturday	1300 MST 1 p.m.	OneAZ Credit Union parking lot, Gail Gardner Way & Willow Creek Rd., Prescott	Pete K6VVR or John WB9VGJ
Public Service Communications — See page 4.				
Amateur Radio License Testing — See page 5.				

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 Byron Wilkinson, WD7J

president@w7yrc.org

Transmitter Hunting

One of the first YARC activities that I participated in after joining the club was the monthly transmitter hunt (T-hunt). I was intrigued by the idea from the first moment I saw it listed on the club website. On my first foray into this new activity. I had the privilege of joining veteran T-hunter, Robert Reister WA6FBA. He introduced me to the equipment and the process. We did not find the transmitter that day, in fact none of the teams did, but that did not dampen my enthusiasm. I have joined in these hunts whenever I could since that day well over three years ago.

Besides being a challenging yet enjoyable activity, finding the physical location of a transmitter does have practical purpose. This skill can be used to find someone who might be lost in the woods. Or it could help locate the source of radio interference whether intentional or unintentional. Locating a transmitter has the potential to protect people or airwaves from harm.

The technology used to locate a transmitter can range from simple to complex. The most basic configuration is a directional antenna, usually a three-element Yagi, with a receiver with some kind of signal strength detection like a built-in S-meter. Many hunters use a variable attenuator to provide a wider range of amplitude detection. On the more complex side, some systems use software defined radios to process signal data from an array of antennas and then use phase of the signals to determine direction. This data can be saved from various locations throughout the hunting process providing an estimate of the transmitter's coordinates. More data collection results in a more accurate estimate.

Some of the challenges of a T-hunt are reflections and interpretations. The Prescott area is filled with beautiful peaks that we all enjoy each day, but these and the vertical walls of buildings on them can reflect signals that can give strong indications from numerous directions. On the human side, incorrect interpretations of signal samples collected throughout the hunt can lead to assumptions that, on more than one occasion, have adversely affected my judgment on where to look next. Despite the challenges, the satisfaction that comes with at least occasionally locating the transmitter is well worth the effort. And on top of that, there is the playful banter from the competition, our fellow hunters, as we recount the toils of the hunt during our debrief afterward.

If you would like to explore this YARC activity, you can find details on our website at <https://www.w7yrc.org/t-hunts/> . We usually have plenty of space for visitors to ride along.

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 .

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 Warzaha	W7FNC	jerry.warzaha@hotmail.com	612.205.3810
Bill Noe	WG7W	wq7w@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

Upcoming Public Service Events
by Frank Bender, K8FB

September 13 – Prescott Road Rally

The Prescott Road Rally will be held on September 13 in Chino Valley. If you can help out, contact Don Sears N7PLL at donsears@zoho.com.

September 20 – Groom Creek Classic

The Groom Creek Classic foot races will be held on September 20, benefiting the Groom Creek Fire Department. If you can help out with this fun event, contact Frank Bender K8FB at fhb47@hotmail.com.

October 11 – Whiskey Row Marathon

The Whiskey Row Marathon, sponsored by the Prescott YMCA, will be held on October 11. If you can help with this event, contact John Snedden KT7P at kt7p19@gmail.com.

October 18 – Chino Grinder

The Chino Grinder will be held on October 18 in Chino Valley. This bicycle event has four different rides, the longest being 120 miles. Contact Don Sears N7PLL at donsears@zoho.com if you can help out with this event.

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, the event organizer will pair you up with someone experienced.

You can find the 2025 calendar of public service events on the YARC website at <http://www.w7yrc.org/public-service-events/>



Yavapai Amateur Radio Club (YARC) — License Classes, 2025
by John Snedden, KT7P

YARC offers classes for the Technician and General class amateur radio licenses several times a year. Classes are held on consecutive Saturdays from 8:30 a.m. until 4:00 p.m. at the Jeep Posse Building, 1200 Commerce Drive, Prescott.

Technician Classes – September 6 & 13

General Classes – November 1 and 8

Registration is required and can be done on the YARC website: www.w7yrc.org

Click the “Classes” tab to see the schedule, class information, and registration link for 2025.

Yavapai Amateur Radio Club (YARC) — License Testing Sessions, 2025

by David Erlach, N5MB

n5mb@arrl.net

rocketdog@dslextreme.com

928.239.1083

2025 In-Person Testing Schedule

Please note that ALL testing sessions require pre-registration. Register by using the following link:

<https://hamstudy.org/sessions/arrl/86305/inperson>

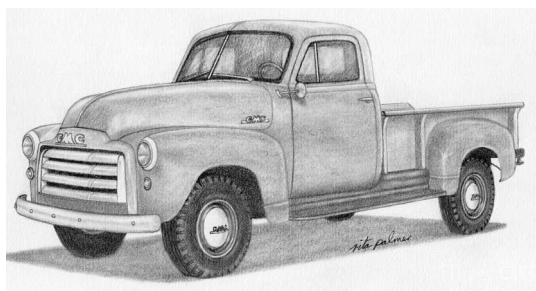
2 August (Sat) – Yavapai ARC – 9:00 AM – Jeep Posse Bldg.
1200 Commerce Drive, Prescott

2 September (Tues) – Prescott VE Sessions – 5:15 PM - Prescott Public Library
255 E. Gurley Street, Prescott

4 October (Sat) – Yavapai ARC – 9:00 AM – Jeep Posse Bldg.
1200 Commerce Drive, Prescott

4 November (Tues) – Prescott VE Sessions – 5:15 PM – Prescott Public Library
255 E. Gurley Street, Prescott

6 December (Sat) – Yavapai ARC – 9:00 AM – Jeep Posse Bldg.
1200 Commerce Drive, Prescott





ARRL Field Day Operating at W7YRC Club Station, Pioneer Park, Prescott, Arizona ▲ June 29, 2025
Top: Mike Belanger W1DGL; Bottom: Arizona Baskin KJ7JKV ▲ (Photos courtesy of Dwight Savage KK7SGC)
- 6 - Yavapai Signal August 2025



July 2025 Foxhunt
by John Broughton, WB9VGJ

The June foxhunt was held Saturday, July 12, 2025. The foxes were Rich WB7NRM and Sharon KK7NNK..

There were three teams for this hunt:

1	Byron WD7J, Don KI7IOM, and Fernando KJ7QHI
2	Robert WA6FBA and Gary K6JXM
3	Jeff WB7RFY, Keith KJ7GTX, and John WB9VGJ
4	Pete K6VVR and Brina (no call)

The results of the hunt were:

Finish	Team	Time
1	1	39 min.
2	2	1 hr. 12 min.
DNF	3	—
DNF	4	—

The hiding spot was on Bar Circle-A Rd., on the hill above Walmart near the corner of Prescott Lakes Parkway and Rt. 69. Our team, unfortunately, did not finish. We were close to the location, but on the south side of Rt. 69. We were getting inconsistent readings on the signal and it did not seem to be near Walmart. On our way to the restaurant, as we got on Rt. 69 near Walmart and were starting down the hill, one reading did indicate the transmitter was behind us to the right, which was its actual location. We did not turn around and go back. Team 4 had to quit the hunt due to an equipment malfunction.

Congratulations to Team 1 for its success!

I did not take any pictures on the hunt. Pictures Fernando, KJ7QHI took can be seen here (Thanks, Fernando):

<https://photos.app.goo.gl/Fe91LekqHkRa4vRE8>

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

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





Photos of Transmitter Hunt, July 12, 2025 — Prescott, Arizona
 Upper Row, Left to Right: k6VVR, KJ7QHI, WA6FBA, WB7RFY; Lower Row, Left to Right: WB9VGJ, WD7J, T-Hunt Yagi
 (Photos courtesy of Fernando Mendigutia, KJ7QHI)





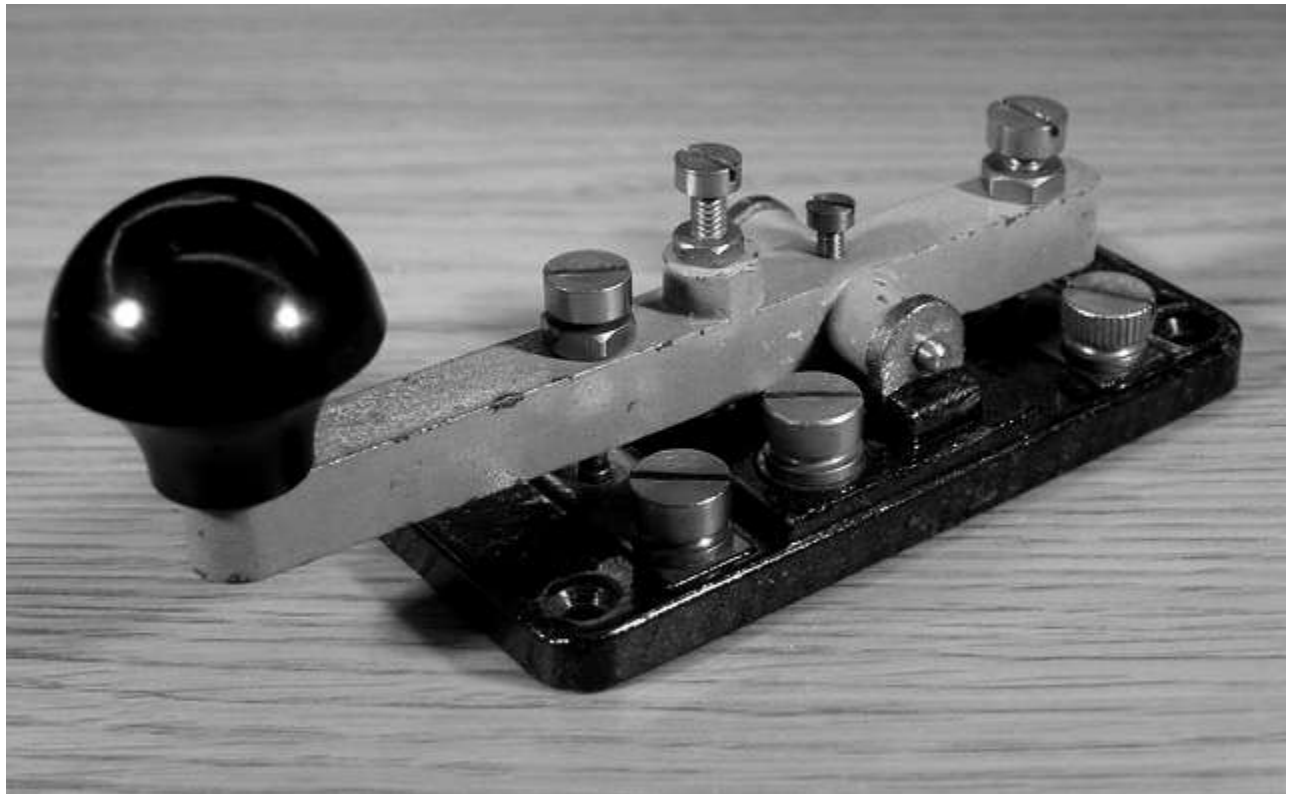
John KT7P and Bud N7CW removing a tower in the Verde Valley, July 16, 20205
(Photo courtesy of David Erlach N5MB)



For Sale — Radio Gear
by Dave Erlach, N5MB
928.239.1083
n5mb@arrl.net

- ▲ Icom IC-9100 HF/VHF/UHF Transceiver with UT-121 for D-Star, \$1600
 - ▲ Icom SP-23 External Speaker, \$150
 - ▲ Icom SM-20 Desk Microphone, \$120
 - ▲ ACOM 1000 Amplifier: HF + 6M Linear Amplifier, \$2500
- Above items asking price or best offer

The IC-9100 has only been used for HF operation. The station was set up in December 2018 in a non-smoking environment. The amplifier was added in September 2020 and never operated at over 500 watts (and mostly around 300 watts), and is wired for 220 volts.



Words of Wisdom
by Loren Singh, AE7CG

"Straight key virtuosity conveys rhythm, swing, and soul. Saying that the other operator had a good "fist" used to be a high compliment. Speed and uniformity of characters may satisfy many in terms of utility; but the glory of using a straight key is sheer artistry in sending, and almost musical joy in receiving."



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, 2025

Officer	Name	Call Sign	Email Address
President	Byron Wilkinson	WD7J	president@w7yrc.org
Vice President	Steven E. Stock	WAØA	vicepresident@w7yrc.org
Treasurer	Matt Williams	KK7QZB	treasurer@w7yrc.org
Secretary	Tim Norton	K7PVY	secretary@w7yrc.org
Director	John Snedden	KT7P	kt7p@w7yrc.org
Director	Jon Mahler	KK7OKE	kk7oke@w7yrc.org
Director	Bernard A. Sakowicz	W1RAD	w1rad@w7yrc.org
Director	David Erlach	N5MB	n5mb@w7yrc.org
Past President / Director	Raymond Kolman	KD7RK	kd7rk@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 January 17, 2025

Permanent Station Access (defined by YARC role) —

Name:	Call:	Lic. Class	Notes:	Telephone:
Byron Wilkinson	WD7J	E	YARC President	928.288.2342 – 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.

AMERICA'S FIRST FORTY-NINERS

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