



# Yavapai Signal

The Yavapai Amateur Radio Club – Prescott, Arizona – DM-34 – Volume 38 – No. 3 — March 2023

Upcoming Club Events				
Event	Date	Time	Place	Contact / Info:
General Meeting	March 2, 2023 Thursday	1900 MST 7 p.m.	Freeman Building, Prescott Rodeo Grounds	Club Website
YARC Breakfast	March 16, 2023 Thursday	0800 MST 8 a.m.	Backburner Restaurant, Prescott Valley	Don WB7TPH or Jeff WB7RFY
Transmitter Hunt	March 4, 2023 Saturday	1300 MST 1 p.m.	OneAZ Credit Union parking lot, Gail Gardner Way & Willow Creek Rd., Prescott	Pete K6VVR or John WB9VGJ
<b>General Meeting Programs — See page 3.</b>				
<b>Public Service Communications — See page 5.</b>				
<b>Amateur Radio License Testing — See page 7.</b>				

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

**Club Website Registration**

In order to receive the Signal (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](http://www.w7yrc.org)), then clicking on the member 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 (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](http://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 18<sup>th</sup> 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 20<sup>th</sup> 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](mailto: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

Last month I talked about involvement in club activities. Well, I was blow away by the number of our club members that participated in the antenna build at last month's club meeting. This tells me our members love hands on activities at our monthly meetings. Send me suggestions on activities you would like to see at future meetings.

ARRL Section Manager of Arizona – Rick Paquette is working on restoring major conventions and hamfests in Arizona. He will be our guest speaker in April. I hope this means YUMA Hamfest will return.

I would like to see a "How to Fox Hunt" class for beginners this spring. I have acquired a transmitter from the Anderson's and I hope to conduct a class at Mountain Valley Park. You made tape measure antennas so why not learn how to use this antenna to find a transmitter.

February 14, 2023 was the Youth Radio Club event at Sharlot Hall Museum. We had a great turn out for such a miserable weather day. I believe everyone had a great time. I will see you at the next meeting and stay RADIO ACTIVE!

### 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](http://www.w7yrc.org) → [Members](#) → [Login](#) → [Reports](#)

- |
- [Board Minutes](#)
- [Club Minutes](#)

### Upcoming General Meeting Programs, 2023

by Mike Reid, WU7V

**Month:**

March

April

**Program:**

What about DMR Radio Mode? Presentation by Alex Stocia K6FTL

Rick Paquette W7RAP, ARRL Section Manager,  
will present an update about what is happening at ARRL.

### The Wilderness Protocol [QST](#), February 2023, page 57

The Wilderness Protocol was designed to help ensure emergency communications for those who might be outside of repeater range while in the back country. Hams are requested to monitor standard UHF/VHF simplex channels at specific times for emergency calls. The suggested time frame to monitor is near the top of the hour (i.e., 0700-0705 UTC).

Suggested simplex frequencies are 146.520, 223.500, and 446.000 MHz.

**Mentor Buddies — Revised October 27, 2022**  
by Bill Noe, WG7W

Name	Call Sign	E-mail	Telephone
Don Bauer	WB7TPH	<a href="mailto:dbauer2250@aol.com">dbauer2250@aol.com</a>	928.775.4690
Art Protas	KG6AY	<a href="mailto:kg6ay.dm34@gmail.com">kg6ay.dm34@gmail.com</a>	928.227.2954
Jerry Warzeha	W7FNC	<a href="mailto:jerry.warzeha@hotmail.com">jerry.warzeha@hotmail.com</a>	612.205.3810
Bill Noe	WG7W	<a href="mailto:wg7w@arrl.net">wg7w@arrl.net</a>	928.710.6925
Mike Belanger	W1DGL	<a href="mailto:fix_broke_airplanes@hotmail.com">fix_broke_airplanes@hotmail.com</a>	928.710.2565
Ron Purcell	KI7EVK	<a href="mailto:728rwp@gmail.com">728rwp@gmail.com</a>	707.849.7099
Jack Szelka	A1K	<a href="mailto:radioaik@gmail.com">radioaik@gmail.com</a>	401.580.0330
Mike Reid	WU7V	<a href="mailto:mdr126@gmail.com">mdr126@gmail.com</a>	480.250.6093
Sandy Meadowcroft	KF4JHC	<a href="mailto:sandymeado2@yahoo.com">sandymeado2@yahoo.com</a>	928.660.8323



Making a 2M Tape Measure Yagi Antenna — YARC General Meeting, February 2, 2023  
(Photo courtesy of Ronald Shimek W7WWB)



## Upcoming YARC Public Service Events

by Frank Bender, K8FB

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, Don Sears N7PLL and Frank Bender K8FB will pair you up with someone experienced.

You can find the 2023 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 2023.

### April 15, 2023 — Whiskey Basin Trail Runs (WBTR)

The first public service event of 2023 is the Whiskey Basin Trail Runs on April 15. This event has several runs on the Prescott Circle Trail that go for as long as 54 miles. Because of the duration of this event, we need two shifts of operators to staff the WBTR. If you are interested in participating in this event, contact Don Sears N7PLL ([donsears@zoho.com](mailto:donsears@zoho.com)).

### April 28, 29, and 30, 2023 — Whiskey Off Road (WOR) Bike Event

The three day WOR Bike Event is our premiere public service event. We need 45 to 50 volunteers to support this event. The 15 mile fun ride is on Friday afternoon. The amateur 30 and 50 mile races are on Saturday, and the 50 mile professional races are on Sunday. As a result of running the 50 mile races on two days, Saturday should be a lot more manageable than in 2022, when all 50 mile races were run on one day. We are also in need, on all three days, of radio operators who have trucks and vehicles with bike racks to pick up broken down bikes and riders. There is also a need for side/ATV vehicles with radios to patrol some of the more isolated areas of the race courses. If you have a motorcycle, we are need of someone to patrol one uphill dirt segment of Copper Basin Road that is highly congested with bikes on Saturday and Sunday. We are also in need of several high clearance, four by four vehicles, to position at remote locations. The organizer for this event is Frank Bender K8FB ([fhb47@hotmail.com](mailto:fhb47@hotmail.com)).

### May 20, 2023 — Groom Creek Mountain Mayhem

The Groom Creek Mountain Mayhem Bike Races will be held on Saturday, May 20, 2023. If you can assist, please contact Frank Bender K8FB ([fhb47@hotmail.com](mailto:fhb47@hotmail.com)).

### Other Public Service Events in June and July 2023

Yarnell Memorial Run – June 3, 2023 Contact: Doug Jarmoth NØDAJ ([n0daj1950@gmail.com](mailto:n0daj1950@gmail.com))

Prescott Rodeo Parade – July 1, 2023 Contact: John Snedden KT7P ([kt7p19@gmail.com](mailto:kt7p19@gmail.com))

## 2023 Prescott Hamfest

by Frank Bender, K8FB

The 2023 Prescott Hamfest will be held on May 13, 2023 at the Granville Elementary School in Prescott Valley. We will have a swapfest where hams will sell their used radio equipment.

### Hamfest Grand Prizes

The following are the grand prizes which will be raffled at the hamfest. You do not need to be present to win these prizes.

- ⊙ Yaesu FT-991A HF/VHF/UHF Transceiver
- ⊙ Comet CAA-500 Antenna Analyzer generously donated jointly by The DX Store, owned by our club member Jim Shryne N6DHZ, and Comet Antennas
- ⊙ Four Yaesu FT-4XR handheld transceivers (separate prizes)

### March Grand Prize Raffle Ticket Sales / Drawing

Congratulations to Alan Marcum W7RQM, who won \$20 worth of grand prize raffle tickets at February's YARC general meeting. We will be selling 2022 Prescott Hamfest Grand Prize Raffle Tickets at the March 2, 2023 YARC general meeting. Anyone who purchases at least \$20 of raffle tickets will have their name entered for a drawing of \$10 worth of grand prize raffle tickets. Your name and call will be entered in the drawing for each \$10 worth of tickets that you purchase for that month or at the meeting. You can also purchase raffle tickets online at the hamfest website.

### Reserve Hamfest Tailgating Spaces

You can now go to [www.prescotthamfest.com](http://www.prescotthamfest.com) to reserve tailgating spaces at the hamfest.

## Prescott Hamfest — Request for Volunteers

by Bill Kienzle, KJ7UHI

OPPORTUNITIES GALORE: NEEDED ASSISTANCE INCLUDES ADMISSION, HAMFEST CENTRAL, PARKING, SETUP / TEARDOWN.

Volunteer for Prescott Hamfest 2023 to be held on Saturday, May 13, 2023, 0800 to 1200 MST. Located at Granville Elementary School, 5250 Stover Dr., Prescott Valley, AZ 86314.

Applications available from Bill Kienzle KJ7UHI, [wek10@comcast.net](mailto:wek10@comcast.net), or volunteer table at monthly YARC general meetings. Have fun, come out and help your club members stage a successful hamfest.



Fox Hunt Antenna, February 4, 2023



Young Fox Hunt Participants, February 4, 2023  
(Photos courtesy of Ronald Shimek W7WWB)

**February 2023 Foxhunt**  
by John Broughton, WB9VGJ

The February foxhunt was held Saturday, February 4, 2023. Pete K6VVR, Jerry KF7FPD, and Gary K6JXM were the foxes.

There were two teams for this hunt:

<b>1</b>	Robert WA6FBA, John KK6SXH, Toby KK7JNI, and Hailey (no call yet)
<b>2</b>	Jeff WB7RFY, Rich WB7NRM, and John WB9VGJ
<b>3</b>	Byron KK7BFL
<b>4</b>	Don KI7OM and Chris (call not known)

The results of the hunt were that no team found the transmitters. All the teams had confusing headings on the signal. Our team drove around an area near Willow Lake Rd. and Willow Creek Rd. for many blocks in all directions as the readings we kept getting seemed to indicate the transmitter was there. It was not. The foxes hid in the subdivision south of Pioneer Parkway where Southview Drive goes into the subdivision off of Williamson Valley Rd.

The teams all thought the foxes were being extra devious, but it turns out that wasn't the case. It was a frustrating hunt. Even Robert with his new Doppler setup had no luck as his system was not working as expected.

There are no pictures to post for this hunt.

The participants went to the Prescott Junction restaurant for after-the-hunt socializing and telling of tall tales.

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.

**License Testing**  
by Don Bauer, WB7TPH

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**

<b>Date</b>	<b>City</b>	<b>Location</b>	<b>Time</b>	<b>Sponsor</b>	<b>Contact</b>	<b>Walk-in</b>
04/01/23	Prescott	Jeep Posse Building	9 a.m.	Yavapai ARC	Don Bauer 928.775.4690	Yes





Mike Belanger W1DGL operating at K7A (W7YRC), February 14, 2023  
(Photo courtesy of Ronald Shimek W7WWB)

### Arizona Statehood Day, February 14, 2023 — K7A Special Event Station by Mike Belanger, W1DGL

We had our K7A Special Event Station on February 14, 2023. It was Arizona's 111th anniversary of statehood. At the club station, we made 21 CW contacts on 20m. Loren Singh AE7CG operated CW on 20M; and on SSB we made a total of 84 contacts. At one point, we were calling CQ on 12M and contacted stations in France, Ireland, and Spain!

The 20M band was horrendous with a lot of static on SSB. It was so bad that I couldn't hear anyone except the really strong stations. After Loren finished the CW operating and left for the day, we continued on 20M SSB. Then we switched to 15M and made lots of SSB contacts there. I had an almost constant pileup! We went QRT at about 1615 MST (4:15 p.m. MST, 2315 UTC).

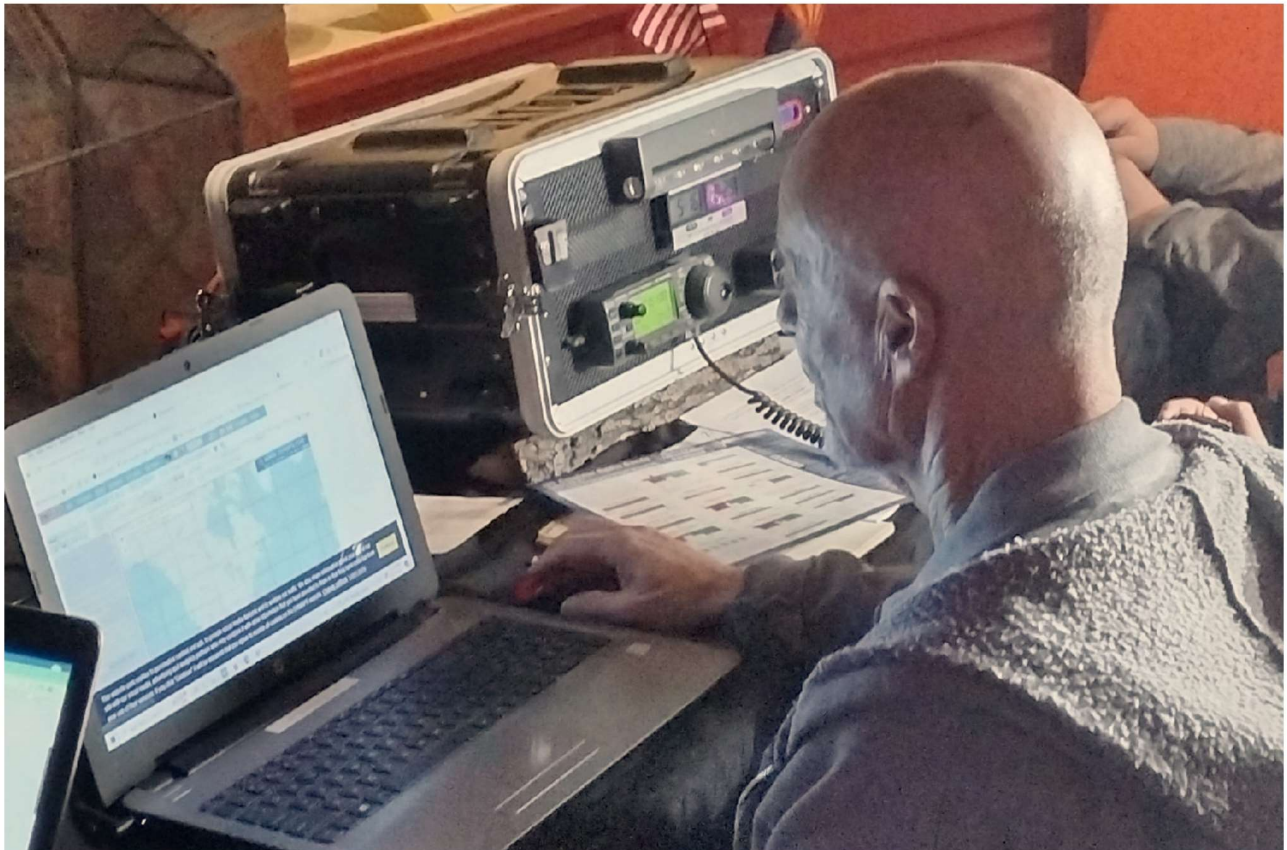
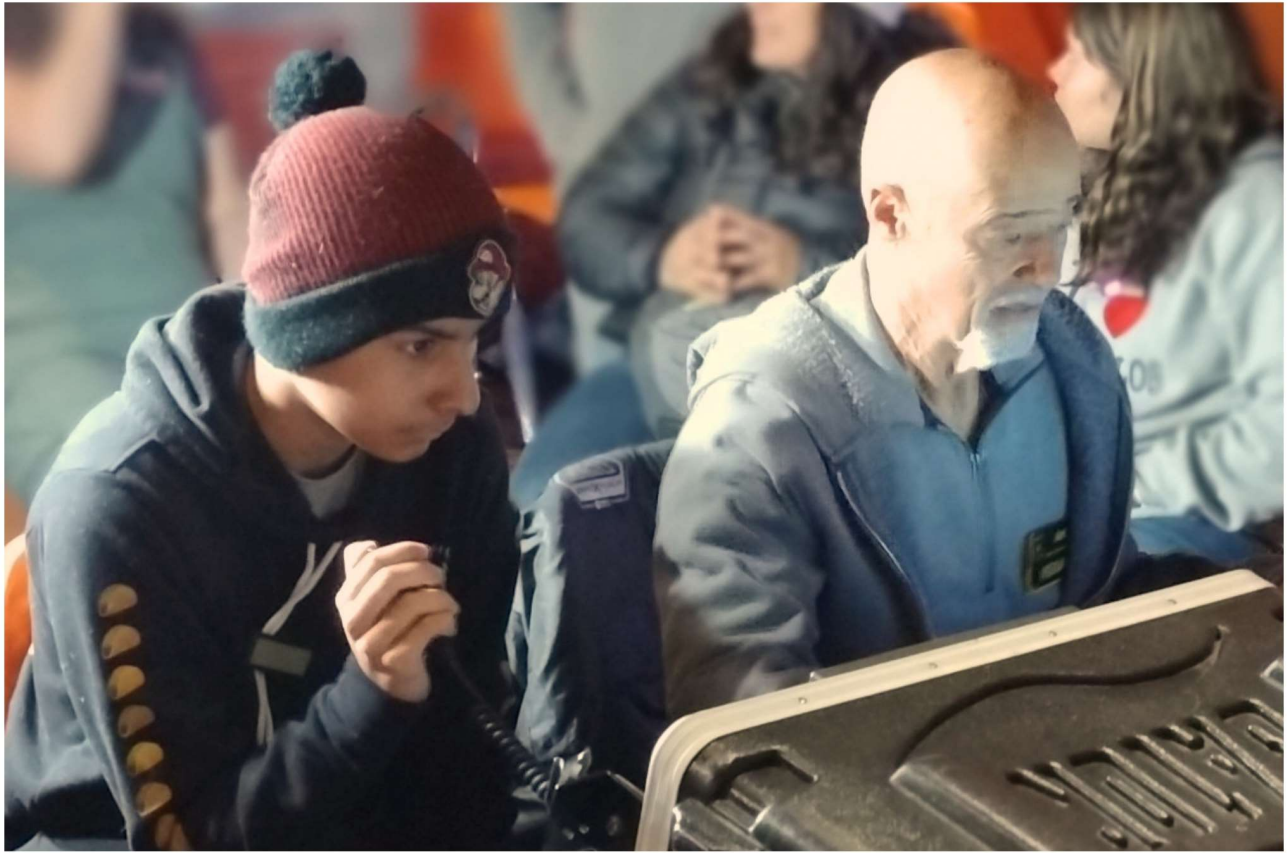
We also had another station with the YARC Youth Group at the Sharlot Hall Museum in downtown Prescott (about 5 miles away from the club station). Also using the K7A call sign and with Pete Morrison K6VVR, Dave Erlach N5MB, and Art Protas KG6AY as mentors, the youngsters also did well and had fun operating the amateur radio station there.

After I got home from the station, it started snowing really hard — it had been off-and-on again flurries all day — so I just sat at my 'desk' and filled out 106 QSL cards, then scanned the logs and sent them off to Terry Pemberton KB7TRE for when he returned from handling a family emergency.





Loren Singh AE7CG operating CW at K7A (W7YRC), February 14, 2023 (Photos courtesy of Ronald Shimek W7WWB)  
- 9 - Yavapai Signal March 2023



Art Protas KG6AY and YARC Youth Group member operating at K7A, Sharlot Hall Museum, February 14, 2023  
(Photo courtesy of Ronald Shimek W7WWB) - 10 - Yavapai Signal March 2023

**FT8WW - 3Y0J, le QSO du Siècle !**  
**FT8WW - 3Y0J, the QSO of the Century!**

Ce matin a eu lieu un QSO entre Bouvet et Crozet en CW sur 21.050 MHz.  
 Ce contact entre le numéro deux et le numéro trois des DXCC les plus recherchés est un évènement qui restera longtemps inégalé !!!

*This morning a QSO took place between Bouvet and Crozet in CW on 21.050 MHz.  
 This contact between the number two and the number three of the most wanted DXCCs is an event that will remain unmatched for a long time!!!*



The Latest Obsession of DXers

**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](mailto: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.

**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!



# The DX Store

[sales@dxstore.com](mailto:sales@dxstore.com)

[www.dxstore.com](http://www.dxstore.com)



### Club Officers, 2023

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

### 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 1<sup>st</sup>) —

#### 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.**

