



# Yavapai Signal

The Yavapai Amateur Radio Club – Prescott, Arizona – DM-34 – Volume 32 – No. 3 – March 2017

Upcoming Club Events				
Event:	Date:	Time:	Place:	Contact/Info:
General Meeting	TH 03/02/17	1900 MST	PMHMS	Club Website
Fox Hunt	SUN 03/05/17	1300 MST	OneAZ Credit Union Parking Lot, GG Wy. & WC Rd.	Pete K6VVR or John WB9VGJ
YARC Breakfast	TH 03/16/17	0800 MST	BackBurner Restaurant, Prescott Valley	Don WB7TPH or Jeff WB7RFY

**Public Service Event Communications — Spring 2017 YARC Event Schedule — See page 7.**

**License Testing Schedule — See page 7.**

YARC:	Badges	Patches	Shirts
<b>Features:</b>	Name & Call	Club Name & Logo	With or Without Name & Call
<b>Contact Person(s):</b>	Dan Simpson AE7IH or Erica Simpson KF7MAU	David Hanson W7BJ	Pete Morrison K6VVR
<b>Cost:</b>	\$7.00 each	\$3.00 each	Without Name & Call \$20.00 — With Name & Call \$24.00 each

**Club Website Registration**

Please register to get on the club's email distribution list and also gain access to the members'-only area of the website. The members'-only area contains the club roster and detailed club treasurer's reports. To register, go to [www.w7yrc.org](http://www.w7yrc.org), click "Join Us" and then select "Registration." Fill out the requested information, and then click "Register." The webmaster will then verify your membership and authorize your account. His response is not immediate in real time.

## 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 meets at 1900 MST on the first Thursday of every month in the technology classroom at Prescott Mile High Middle School, 300 South Granite Street in Prescott. Vehicular access to the school parking lot is via the entry at the intersection of South Montezuma Street and Carleton Street. Programs of interest are included as part of the meeting.

[www.w7yrc.org](http://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)	28.440 MHz +/- QRM	N/A	Thursday	2000 MST
1¼M	FM	224.080 MHz	-156.7 Hz	Wednesday	1930 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 MST

### 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

### Club Mentors (“Elmers”)

Name	Call Sign	Telephone Number
Art Protas	KG6AY	928-227-2954
Jim Zimmerman	N6KZ	928-713-0542

[ask.elmer@w7yrc.org](mailto:ask.elmer@w7yrc.org)

### Share Your Surplus Items

Bring any ham related surplus items that you no longer have a need to the next club meeting. **There will no longer be a table outside the building.** Instead there will be a table inside the room where refreshments are served where your items can be placed. Let your fellow club member take those things with them that they feel might be useful to them. 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. Place your bagged items on Terry’s desk when you come in.



**From the President's Desk**  
by Kathy Laing, KJ6KMK

This has been a very busy month for the Board. The approval of the expenditure of the money for the club tower has moved us closer to getting a permanent tower established at the Jeep Posse Building. The tower is over at the Jeep Posse building waiting on the final approval from Yavapai County so we can proceed with the installation. Many thanks to Bud N6CW (tower man), Jim N6KZ, Art Jackson KA5DWI, and Frank K8FB. Please read Frank's article in this month's Signal for a complete update on the tower installation and the station move.

The move of the club station into a room located in the northeast portion of the building is getting closer. We will be able to start clearing out the room next month. The new room will provide us with a better operating environment and will provide a better location if used during Field Day.

Plans for the Prescott Hamfest are really moving along. The website is up and in the process of being finalized. Many thanks to Creighton AD7YR who has created the following forms on the website; the RV Dry Camping Reservations form and the Hamfest Volunteers form. Soon the Vendor Preregistration form and the Online Raffle Ticket Ordering will go live. Once these forms are completed the final cosmetic "fixes" will be done. Please take a look at the website and sign up to volunteer to help make the Hamfest a success.

**Equipment Donations**

The club is now accepting equipment donations in preparation for our club's consignment sales at the 2017 Prescott Hamfest at ERAU on June 10, 2017. Bring equipment that you wish to donate to the monthly club meeting and give them to Jim Zimmerman, N6KZ ([n6kzdx@gmail.com](mailto:n6kzdx@gmail.com)).

**New Members — Approved at the February 2, 2017 General Meeting**  
by Bill Noe, W7PVA

<b>Jerry Lawson KF7FPD</b>	<b>David Cutler KI7IOM</b>	<b>KI7IPD James Orey</b>	<b>Bob Sarnecki NF7D</b>
<b>Tracey Armstrong KI7IPM</b>	<b>W9YCI Darcie Newman</b>	<b>WA5WZO Wesley Redus</b>	<b>WA6SCW Pat Griffin</b>
<b>KI7IPC Steven Nichols</b>	<b>KI7JTD Lloyd Engdahl</b>	<b>W6TSH Tish Griffin</b>	



Mike N7IEP

<b>TREASURER'S REPORT</b>		<b>General</b>	<b>Repeater</b>	<b>Prescott Hamfest</b>
<b>January 2017</b>		<b>Fund</b>	<b>Fund</b>	<b>Fund</b>
<b>CASH – December 31, 2016</b>		<b>\$11,851.64</b>	<b>\$2,692.35</b>	<b>\$624.72</b>
	Dues	\$342.00	\$38.00	
	Donations		\$20.00	
	Hamfest Sales			\$125.00
	Annual Party	\$630.00		
	50/50 Raffle - net	\$64.50		
	Misc. < \$50	\$30.81	\$0.07	\$0.02
	<b>TOTAL INCOME</b>	<b>\$1,067.31</b>	<b>\$58.07</b>	<b>\$125.02</b>
	Club Station Tower	\$650.00		
	Coax tool kit	\$199.95		
	NRA Certificates	\$56.07		
	Training Manuals	\$84.80		
	Dinner refunds	\$75.00		
	Annual Party	\$2,022.69		
	Annual Party Decorations	\$256.29		
	Books for Public Library	\$200.00		
	Misc. < \$50	\$87.40		
	<b>TOTAL EXPENSES</b>	<b>\$3,632.20</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>CASH – January 31, 2017</b>		<b>\$9,286.75</b>	<b>\$2,750.42</b>	<b>\$749.74</b>
** Detailed statements are posted on <a href="http://www.w7yrc.org">www.w7yrc.org</a>				
Respectfully submitted by Mike Reid, N7IEP — Treasurer, Yavapai Amateur Radio Club				

Board of Director's Meeting

Date: January 26, 2017

=====MINUTES=====

Present at Meeting: KA5DWI, N7NGM, AB9JS, KG6AY, K8FB, N7IEP, and KJ6KMK  
Meeting called to Order by KJ6KMK at 1808 MST

Old Business:

Treasurer's Report and Meeting Minutes: December 2016 Treasurer's report and January meeting minutes have been published in the February Signal. CASH – December 31, 2016 General Fund: \$11,851.64 Repeater Fund: \$2,692.35 Hamfest fund :\$624.72

☐ A motion was made by KA5DWI and seconded by KG6AY to approve the Treasurer's report and the minutes. Motion passed.

Need to ratify expenditures for ARRL Q&A training manuals, refunds for dinner cancellations, Elmer reimbursement and dinner prizes and centerpieces.

☐ A motion was made by N7IEP and seconded by AB9JS to ratify the expenditures. Motion passed.

Upcoming Programs:

☐ February - Speaker Virgil Silhanek K7VZ candidate for AZ Section Manager + SIG breakouts

☐ March - TBD

Prescott Hamfest at ERAU — See attached Hamfest minutes

☐ Next meeting – Wednesday, February 15 at Jeep Posse building. K8FB to reserve.

Update on the Club Tower Installation

☐ The tower has been taken down and is at the Jeep Posse building.

W6TYV - Captain of Jeep Posse on fees for the permits.

☐ W6TYV is also working on securing a grant for the club station move.

The DX Store has offered to donate headset for use with the station once it is in place.

Update on YARC Dinner

☐ KJ6KMK said that everything is in place and ready for the club dinner. Currently 70 people have made reservations.

New Business:

Member Suggestions, KV8TD:

Quotation, KV8TD:

☐ "I believe that there will be a major event at the Granite Mountain Hotshots State Park this year (would not surprise me if it became a major event each year) and I think it would be a good thing if we set up a portable operation at the park for it. From a logistics standpoint, I am sure we can do it, we just have to get the bureaucracy (permission from the park) on-board. I will start work on that ASAP."

☐ The Board suggested that KV8TD survey the site and determine if it is feasible for an onsite station. He can also pursue the process for obtaining permission from the appropriate officials.

☐ KV8TD on Club QSLs: "Attached is what we had come up with before. What I have in mind is that the Club would purchase a number of basic cards for use by members, which the members would then have overprinted with their personal info. I sent off to one of the QST advertisers, but did not follow up. If the board likes the idea, I will follow up both locally and online. I suspect we would be talking about \$ 500 or so for 5K cards."

☐ This suggestion was tabled by the Board.

☐ Ref # 1, "I would like to revive the idea of a small, simple tent trailer to be used as a portable, visible-to-the-public station. Looking on Craigslist I have seen what I think would be suitable in the \$ 4K range.

☐ The Board did not want to pursue the expenditure at this time.

However, if KV8TD wants to pursue this further he can submit a major expenditure form for the Board to consider.

Other New Business:

Discussion of YARC website and concept of a list for emails to club membership

☐ There was a discussion of the issue with the website some members are experiencing. K8FB said he would look into the issue.

How should we handle requests from family members of silent keys?

☐ The Elmers are the point of contact for any requests which may come to any Board member.

Discussion of goals presented by individual Board Members.

☐ A motion was made by KG6AY and seconded by N7IEP to delay the discussion of goals to the February Board meeting. Board members may send out their goal by email to all the other Board members. Motion passed.

— K8FB reminded KJ6KMK to order the library books from ARRL.

— Need to have a more formal method of check-in and check-out of club equipment.

— We need a spreadsheet to track the equipment and the length of time it is out. The Elmers will determine the appropriate time frame for the equipment to be out on loan.

Adjournment: KJ6KMK adjourned the meeting at 2000 MST.

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Yavapai Amateur Radio Club, General Meeting

Date: February 2, 2017

===== MINUTES=====

Call to Order at: 1900 MST.

Pledge of Allegiance Led by KJ6KMK

Welcome visitors: Steve Nickels, KI7IPC Jody and Heather

Meeting Minutes and Treasurer Report:

Motion to approve the December 2016 Treasurer's report and January meeting minutes have been published in the February Signal. CASH – December 31, 2016 General Fund: \$11,851.64 Repeater Fund: \$2,692.35 Hamfest fund:\$624.72

☐ A motion was made by KE7BSY and seconded by AB9JS to approve the Treasurer's report and the January minutes. Motion passed.

New Members – The following new members were presented for approval; Jerry Lawson – KF7FPD, David Cutler-KI7IOM, James Orey-KI7IPD, Bob Sarnecki-NF7D, Tracey Armstrong-KI7IPM, Darcie Newman-W9YCI, Wesley Redus-WA5WZO, Pat Griffin-WA6SCW, Steven Nichols-KI7IPC, Lloyd Engdahl-KI7JTD, and Tish Griffin W6TSH.

☐ A motion was made by AB9JS and seconded by K6UWV to accept the new members. Motion passed

Program: – February - Speaker Virgil Silhanek K7VZ - candidate for AZ Section Manager Canceled, speaker was not able to come up from Phoenix.

Technician Class License Study Sessions – February 4 & 11 at the Jeep Posse building. Instructors K7TSY, KJ6KMK, and AD7YR.

Upcoming Programs:

March: NO1D – Jeep portable repeater; April: K8FB – Special Events; May: Open; June: AA7A - EME

Committee Reports:

YARC Event Communications – K8FB; Club Repeaters – K6VVR / NO1D; Fox Hunt – K6VVR / WB9VGJ; Elmer Group – N6KZ School Events – KB7TRE; VE Exam, WB7TPH – January 14; Club Station – K8FB; 2017 Hamfest – K8FB – Next Hamfest Planning Meeting Feb. 15.

- Break: 20 minutes break  
 50/50 Raffle: \$68 won by WK7ED  
 SIG breakouts;  
 □ WB7TPH ATV, Build and CW  
 □ NO1D – Arduino  
 □ W7PVA – 10 meter  
 □ N6KZ & KG6AY – new hams

Adjourned: 2030 MST.

<b>License Testing</b> by Don Bauer, WB7TPH						
<b>Our next test session will be Saturday, March 11, 2017.</b>						
Once again I must thank our VEs for their faithful service. I am so very proud of them. By the way, during the January test we provided some orientation and basic training to four brand new VEs: Mark Brown, Stephanie Lambert, Pete Quinn and Charlie Sullivan.						
The January 14 test session had several preregistered candidates and three walk-ins. When the smoke cleared, we graduated six new Technicians and three Generals. It was all together a good day.						

<b>Upcoming License Testing</b>						
<b>Date</b>	<b>City</b>	<b>Location</b>	<b>Time</b>	<b>Sponsor</b>	<b>Contact</b>	<b>Walk-in</b>
02/28/17	Prescott Valley	Trinity Lutheran Church, 3950 N. Valorie Dr.	1830 MST	PV Ham Study Group	Jim Scherfling 928-632-2050	Yes
03/11/17	Prescott	Jeep Posse Building	0900 MST	YARC	Don Bauer 928-775-4690	Yes

<b>Upcoming Public Service Event Communications — Spring 2017 YARC Event Schedule</b>						
<p>1. <a href="#">Whiskey Basin Trail Run</a> – April 8, 2017 (MARC) – Contact Frank Bender K8FB (<a href="mailto:fhb47@hotmail.com">fhb47@hotmail.com</a>)</p> <p>2. <a href="#">Whiskey Off Road Bike Event</a> – April 28, 29, &amp; 30, 2017 (MARC) – Contact Frank Bender K8FB (<a href="mailto:fhb47@hotmail.com">fhb47@hotmail.com</a>)</p> <p>3. <a href="#">Whiskey Row Marathon</a> – May 6, 2017 (MARC) – Contact John Broughton WB9VGJ (<a href="mailto:wb9vgj@arrl.net">wb9vgj@arrl.net</a>)</p> <p>4. <a href="#">Chino Grinder</a> – May 6, 2017 – Contact Bob Thompson KC8BOB (<a href="mailto:bobnstar@cableone.net">bobnstar@cableone.net</a>)</p> <p>5. <a href="#">Groom Creek Mountain Mayhem</a> – May 20, 2017 (MARC) – Contact: Dottie Akers WF7DSA (<a href="mailto:WF7DSA@gmail.com">WF7DSA@gmail.com</a>)</p> <p>6. <a href="#">Yarnell Memorial Run</a> – June 3, 2017 – Contact Doug Jarmoth N0DAJ (<a href="mailto:n0daj1950@gmail.com">n0daj1950@gmail.com</a>)</p> <p>ARES/RACES is continuing to supply the MARC and a net control operator for most of our events. Public service events are a major focus of our club’s activities. Come out, improve your emergency preparedness, improve your operating skills, and assist your community.</p> <p>Don’t worry if you are inexperienced. We will team you up with someone who can show you the ropes. You don’t have to be a YARC member to participate. Please consider signing up for one of more of these events. You can find these and other upcoming public service events on the club website at <a href="http://www.w7yrc.org/public-service-events/">http://www.w7yrc.org/public-service-events/</a> .</p>						

**SARA Western Conference**  
by Tom Azlin, W7SUA

The Society of Amateur Radio Astronomers (SARA) Western Region Conference will be held on March 17-18, 2017 in Socorro, NM. Details can be found at:

<http://www.radio-astronomy.org/node/233>

**NVCON — March 31–April 2, 2017 — ARRL Nevada State Convention**  
**Eastside Cannery Casino & Hotel**  
**Las Vegas, Nevada**  
[www.nvcon.org](http://www.nvcon.org)

Exhibit Hall, Presentations & Speakers, ARRL VEC License Testing, Saturday Night Banquet, Raffles & Door Prizes, Tailgate/Swap Meet, Elvis Siting, etc.

**Invitation to Attend the International DX Convention 2017 in Visalia, California on April 21-22- 23, 2017**

IDXC 2017 will be the 68th annual International DX Convention. DXers from around the world will gather once again to meet their fellow DXers, attend interesting and informative programs, see the latest in new products from the top vendors – and have a chance to win some great raffle prizes! This year Friday, April 21, 2017 will be a full day of training, presentations and vendor exhibits.

Full details of IDXC 2017 are at this website: <http://www.dxconvention.com/>

You can download the IDXC 2017 PR Kit here: <http://www.dxconvention.com/files/idxc2017-prkit.zip>

The IDXC 2017 PR Kit contains:

- An IDXC 2017 Flyer
- A short IDXC 2017 PPT slide show
- An IDXC 2017 color advertisement t
- A Visalia Vacation Options brochure - Visalia is just a few hours from world-class California vacation destinations. Combine your visit to IDXC with a vacation.

**Club Station Update**

We are awaiting approval of the permit for installation of our US Tower TX-455 crank-up tower at the Jeep Posse Building. We have secured a contractor who is constructing our base. We hope to have the base poured around the end of February. Once the base is poured, it will take at least a month for the concrete to cure before we can erect the tower and transfer our antennas to the new tower.

The YARC Board has approved a draft Memorandum of Agreement (MOA) with the Jeep Posse for the use of the Jeep Posse building by YARC as a club station. The duration of the MOA will be five years. Once both boards have approved the MOA, the document will be signed by Randy Dashiell W6TYV, Jeep Posse Captain, and Kathy Laing KJ6KMK, YARC president.

The Jeep Posse is completing construction on the new garage to house their communications vehicle. Once the construction is completed, the Jeep Posse will allow YARC to convert the existing NE corner room to our new club station shack.

## New/Beginning Ham Sessions

The club is beginning twice monthly new/beginning ham sessions on Friday evenings in March, led by Art Protas KG6AY and Jim Zimmerman N6KZ. The first meeting is at 1900 MST on March 10, 2017 at the Jeep Posse building, 1200 Commerce Drive, Prescott. The Jeep Posse building is immediately behind the skating rink at Pioneer Park.

The first session will cover some basic amateur radio topics of interest to the new or beginning ham. Bring any questions that you might have about amateur radio.

A second session in March will be held on March 31, 2017 at 1900 MST at the Jeep Posse building. This session will be how to operate your Baofeng hand-held, led by Jo Schultheiss KF7WOT. Bring your hand-held with you to the meeting. While this session only focuses on Baofeng hand-helds, some of the instruction may be relevant to other radios, so please feel free to attend, even if you don't have a Baofeng hand-held transceiver.

Terry Schultheiss KG7BAM will bring his laptop and some cables to program the frequencies in your radio at the meeting on the MARCH 31. Bring your programming cable, if you happen to have one for your radio, in case Terry does not have your cable.

These sessions are open to anyone interested in amateur radio.

## February 2017 Foxhunt by John Broughton, WB9VGJ

Thanks to Jeff WB7RFY for the information for this article and the pictures as I was unable to participate in the foxhunt. The monthly foxhunt was held Sunday, February 5. Jeff WB7RFY and Bob WA6FBA were the foxes. They chose the parking lot of the former Outback Steakhouse in the Frontier Village shopping center to hide the transmitters. This area is a good location as, with signal reflections off the surrounding hills and mountains, it can make the hunt challenging: Is the transmitter in the shopping center? Is it on one of the streets above or behind the center?

The primary transmitter was hidden in a considerably large pine tree at the east edge of the parking lot and had a 7-foot antenna. The foxes had two secondary transmitters for this hunt instead of the usual one transmitter. One of them was magnetically attached to a guardrail between the parking lot and Highway 69. The second one, an ultra-low power transmitter, was attached to a vehicle.

Once again this month, there was only one team of hunters for this hunt: Pete K6VVR and Jerry KF7FPD. They were successful; all three transmitters were found in one hour and twelve minutes.

You can see pictures of the hunt here:

<http://tinyurl.com/YARCFoxhuntFebruary2017>

Everyone had their 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.





### Jeep Posse Tower Installation

The YARC Elmer Group, Art Protas KG6AY and Jim Zimmerman N6KZ, recently spent a few days re-installing the Jeep Posse tower at the Jeep Posse building. The Posse's tower had to be moved due to the construction of a new garage at the building to house its communications vehicle. The Elmer Group also donated several tower sections to increase the height of the tower. The photo shows Art and Jim on the roof of the building fastening the tower to the tower bracket.



Joe KG6IDN and Rob KG7LMI

### Sedona Marathon – February 5, 2017

The Yavapai Amateur Radio Club, with assistance from members of the Verde Valley Amateur Radio Association and the Coconino Amateur Radio Club, provided event communications for the Sedona Marathon on Saturday, February 5, 2017. Over 3400 runners participated in the 5K, 10K, Half Marathon, and Marathon races on the very sunny race day. Proceeds from the Sedona Marathon benefit the Red Canyon Navajo Water Project.

Rob Redford KG7LMI brought the ARES/RACES MARC vehicle and was primary net control for the event. Many thanks go to the following amateurs who helped make our event communications a success:

KG6IDN, WF7DSA, KC8BOB, N6EEI, W7JLC, KO7BEE, KF7YZJ, N7IEP, KI6WCK, W7LUX, KE7IXS, KE7VWN, KQ1S, KD7ZXL, KG7ZXM, W4LTX, K8FB, W7DDC, KF7MMO, W6TYV, KE6QZD, KF7WOT, KG7BAM, N7CW, W7PRG, W7BNW, and K2CRC.



### N6KZ Achieves DXCC Top of Honor Roll

Jim Zimmerman N6KZ has reached the pinnacle of DXing by earning the #1 DXCC Honor Roll award. To reach this milestone, you have to work and confirm all 339 current DXCC entities recognized by the ARRL. Jim Zimmerman worked his final DXCC entity, Mt. Athos, on 9 October, 2016 and received the QSL card confirming the contact made using CW. It took Jim 5 years to work Monk Apollo, SV2ASP/A on Mt. Athos for his final DXCC entity. Jim also has 9 deleted entities to his credit for a total of 348 entities worked and confirmed.

Congratulations to Jim for achieving this high honor. Jim is shown holding his DXCC Top of Honor Roll plaque in the photo.

### YARC Volunteer Opportunities

Contact Kathy Laing, KJ6KMK ([president@w7yrc.org](mailto:president@w7yrc.org)) if you are interested in helping out in any of these or other areas.

Opportunities	Descriptions
Elmer Group Helpers	The club has a very active Elmer Group consisting of core members Jim Zimmerman N6KZ and Art Protas KG6AY. If you would like to help out Jim and Art and have antenna installation skills, contact Jim N6KZ. You can also be of help if you have a specialized skill such as programming frequencies into radios, digital communications, or other similar skill. You can help out on a regular basis or be called upon when your specialized skill might be needed.
2017 Field Day Chairperson	We are looking for someone to coordinate our 2017 Field Day weekend operating activities. We usually have lots of helpers for this operating event on the last full weekend of June.
2017 Picnic Chairperson	Our annual club picnic is held on the Saturday of Field Day (last full weekend of June). We are looking for someone to coordinate this event and see if we can find a "chef" to equal or top the 2016 picnic menu.

YARC Winter Party, January 28, 2017 — Centennial Center,  
Antelope Hills Golf Course, Prescott, Arizona



Gail K7YTI



Diane KG7YVP

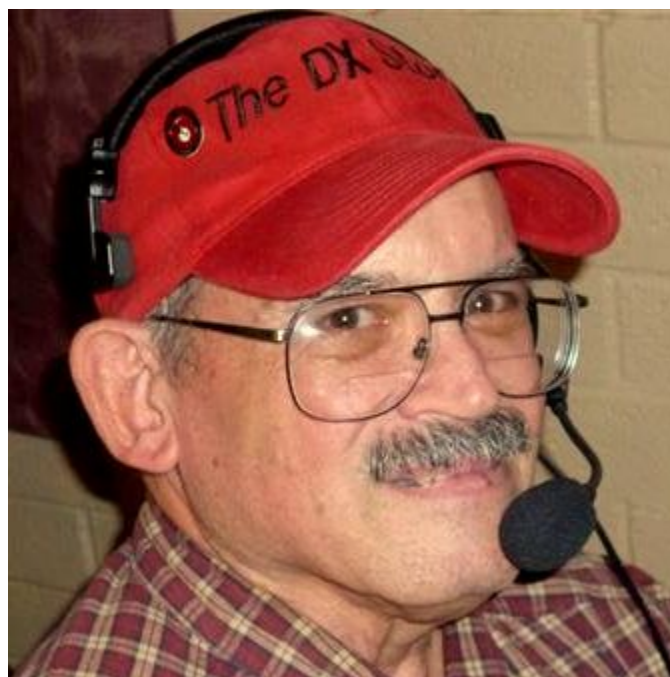


Tom WN7E



Pete K6VVR

Photos courtesy of Mike Belanger, W1DGL



**This Month's Featured Ham: John Stevens, AB9JS**  
by Pat Oliver, K7DUC

John has been a ham for 27 years. He got interested in Ham Radio when associating with hams in the Civil Air Patrol. He got his first license, a Novice, in 1990. His call was KB9EUQ. He basically upgraded to Technician prior to owning a radio. He went to the Muncie hamfest, bought a used hand-held, and at the same time took and passed the Technician test. Within a year, he upgraded to General and Extra class.

He operates 80 through 10 meters HF, VHF, and UHF. He seldom participates in any contests — mostly special event stations. He hasn't worked any CW for a very long time. The type of communication he prefers is mostly sideband, sometimes on 40M. He has a stealth HF antenna hidden in a tree, has several hand-held transceivers, and an Alinco DX-SR8 for HF.

John's most memorable contact was with a Russian in the city of Omsk, celebrating the city's 300th anniversary. His most memorable radio related mail are his foreign QSL cards. One card from NI6IW, in San Diego also included two passes to get into a museum.

John has built a lot of electronic equipment, including an Elecraft K1, an automatic antenna tuner, component tester, Heathkits, and many other items.

He grew up in Indiana, graduated from Anderson High school, and attended the Anderson Vocational school. He spent 6 years in the Marine Corps, where he worked on the Hawk Missile Fire Control System. He spent much of his time as a Marine in Yuma, Arizona, and eventually moved to Yuma.

John has done a little bit of everything in his life — he worked on the railroad, did machinist work, drove a truck, etc.

Currently, John is an active YARC member. He is a VE, in ARES/RACES, and of course he is our Vice President. He would like to see our club involved in more public service work and more training courses to bring younger hams into our hobby.

## Staying Legal on the Road

by Bill Frantz, AE6JV

I have been upgrading my car radio systems so they remain legal on the California highways. There is a new law which makes hand-held communication devices illegal. Many police agencies are interpreting this law to include amateur radio operators. If officers from any of these agencies see you with a microphone in your hand, you may be pulled over on the side of the road having an unwanted conversation. For the IC-706MkII in my Subaru Forester, I already had an adapter to allow use of a headset. Picking up a cheap computer headset from Halted for \$9.00 was an easy way to use it in the car. If I don't put the ear pieces over my ears, I'm still legal. Not using the ear pieces is easy since I pipe the audio through the car's audio system. In my interface, I have a separate push-to-talk switch on the adapter box. While using it might be a technical violation of the law, it is quite non-obvious, and if I want to be completely legit, I can turn on the radio's VOX system.

Each radio will have its own way of interfacing a headset, so you will have to look up the details for your own radio. In the case of the Yaesu FTM-10 in my Mazda Miata, I needed to buy a \$30 cable to hook up the \$9 headphones. One place where there may be issues is if your headset requires microphone bias voltage, as most cheap computer microphones do. If your radio does not provide the bias voltage, then you will have to provide it in the interface and block the DC from reaching the radio with a capacitor. To avoid a mess of wires, there is probably a Bluetooth solution which can be cobbled together. I didn't go with Bluetooth since it needs power and provides a few more failure points.

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

Call	Name	01/25/17	02/01/17	02/08/17	02/15/17
AE7CG	Loren	NCS	NCS	NCS	NCS
K6VVR	Pete	x	x	x	x
K7DCT	Andrew	x	x	x	
KA5DWI	Art	x	x	x	
KF7ANX	Frank	x		x	x
KF7FPD	Jerry	x	x	x	x
W7OTB	Vince				x
KF7PQV	Dan	x	x	x	
KG6AY	Art		x	x	
NØSCA	Frank	x		x	x
W7HAM	Ralph	x	x	x	x
WA6AQK	Ken	x	x	x	x
WN7E	Tom	x	x	x	x
KG6IDN	Joe	x	x	x	x
W7PVA	Bill			x	x
NO1D	Doug			x	
KG7LMJ	Mike	x			
KG7GLK	Neil				x
KI7IPC	Steve			x	
KF7INF	Dennis				x
K9WIZ	Sandy				x





### 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](mailto: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 Memorial Lunch**, 1100 MST to 1230 MST at **roving locations**. Contact Bob Rosevear WB7RRQ, 928-458-7830, [rosevear520@cableone.net](mailto:rosevear520@cableone.net); or Bob Smith WB6ODR, 928-443-9321, [lsmith@cableone.net](mailto: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”



**Club Officers, 2017**

<b>Officer</b>	<b>Name</b>	<b>Call Sign</b>	<b>Email Address</b>
President	Kathy Laing	KJ6KMK	<a href="mailto:kj6kmk.yarc@gmail.com">kj6kmk.yarc@gmail.com</a>
Vice President	John Stevens	AB9JS	<a href="mailto:vice.president@w7yrc.org">vice.president@w7yrc.org</a>
Treasurer	Mike Reid	N7IEP	<a href="mailto:treasurer@w7yrc.org">treasurer@w7yrc.org</a>
Secretary	Sandy Mattsen	K9WIZ	<a href="mailto:secretary@w7yrc.org">secretary@w7yrc.org</a>
Director	Art Jackson	KA5DWI	<a href="mailto:ka5dwi@w7yrc.org">ka5dwi@w7yrc.org</a>
Director	Rex Mauldin	N7NGM	<a href="mailto:n7ngm@w7yrc.org">n7ngm@w7yrc.org</a>
Director	Art Protas	KG6AY	<a href="mailto:kg6ay@w7yrc.org">kg6ay@w7yrc.org</a>
Director	Frank Bender	K8FB	<a href="mailto:fhb47@hotmail.com">fhb47@hotmail.com</a>
Editor Emeritus	Joseph Oliver	AC6AA	<a href="mailto:joliver@cableone.net">joliver@cableone.net</a>
Editor	Loren Singh	AE7CG	<a href="mailto:ae7cg@arri.net">ae7cg@arri.net</a>
Webmaster	Randy Dashiell	W6TYV	<a href="mailto:webmaster@w7yrc.org">webmaster@w7yrc.org</a>

**Yavapai Amateur Radio Club — W7YRC Club Station Access List — Effective January 26, 2017**

<b>Name:</b>	<b>Call:</b>	<b>Lic. Class</b>	<b>Notes:</b>	<b>Telephone:</b>
D. Hanson	W7BJ	E	Dual Member	602-615-3444
R. Mauldin	N7NGM	E	Rotating Member	277-7164
M. Belanger	W1DGL	E	Rotating Member	420-0498
R. Redford	KG7LMI	G	Rotating Member	623-252-3980
T. Jackson	K6PSR	G	Rotating Member	562-644-0528
F. Bender	K8FB	E	Station Manager	379-5575
J. Zimmerman	N6KZ	E	Elmer Group	713-0542
A. Protas	KG6AY	E	Elmer Group	227-2954
D. Freeman	KV8TD	E	N7GMH Trustee	759-0958
B. Vlastelich	K7TSY	E	License Classes	583-7572
R. Dashiell	W6TYV	G	Dual Member	602-501-2571

**Note:** K. Laing KJ6KMK; P. Morrison K6VVR; B. Semon N7CW; and D. Bauer WB7TPH have station access, but are not to be contacted for station access.



