



Yavapai Amateur Radio Club

W7YRC

The Yavapai Amateur Radio Club – Prescott, Arizona – DM-34 – Volume 30 – No. 11 – Nov. 2015



Upcoming Club Events

Event:	Date:	Time:	Place:	Contact/Info:
General Meeting	11/05/15	1900 MST	Prescott Mile High Middle School	Club Website
WA6ZZJ Month	11/05/15	1900 MST	Prescott Mile High Middle School	ARES/RACES or blue shirts
Club Election	11/05/15	1900 MST	Prescott Mile High Middle School	VP, Sec., 3 BOD
License Tests	11/07/15	0900 MST	Jeep Posse Building, Prescott	Don WB7TPH
VE Refresher	11/07/15	1030 MST	Jeep Posse Building, Prescott	Don WB7TPH
Fox Hunt	11/08/15	1300 MST	Arizona State Credit Union Parking Lot, Gail Gardner Way & Willow Creek Road, Prescott	Pete K6VVR or John WB9VGJ
K7NRA Special Event – Voice Op.	11/17/15	0800-1700 MST	Gunsite Academy, Paulden	John WB9VGJ
K7NRA Special Event – CW Op.	11/17/15	0800-1700 MST	W7YRC, Jeep Posse Building, Prescott	Jim N6KZ

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

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)	144.220 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	1830 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 Repeater

2M	FM	146.880 MHz	-100.0 Hz	Open Use 24/7	Open Use 24/7
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Club Mentors (“Elmers”)

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

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, 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.



From the President's Desk ...

Summer is over. The summer and part of fall are gone. It's been a very busy season for us. We have had a lot of successes along the way, with a few hiccups here and there. Here are some of the highlights of the past several months for our club:

- The move of our club meetings from Granite Mountain Middle School to Prescott Mile High Middle School, including installation of the school radio club station by the Elmer Group
- Field Day and club picnic at Lynx Lake camp grounds
- Very successful for sale booth at the Williams Hamfest
- Build out of our club station at the Jeep Posse building with new/ beginning ham sessions and operating open houses taking place there
- A very busy Elmer Group with numerous antenna/ tower take downs as well as lots of antenna installations
- Monthly fox hunts
- Weekly 2 Meter and 10 Meter nets
- Nearly a half dozen supported Public Service events.
- Our club has grown to over 220 members, still the largest ham club in Arizona.

There should be more happenings in the near future. As soon as we get our 440 MHz frequency pair assigned to us by ARCA, our next big priority will getting our new repeater installed on Mount Union. This repeater should provide great coverage for nearly all of our members.

Don't forget to sign up for the YARC 25th Anniversary party on January 23, 2016. Order your meal by going to "Events" on the club's web site menu and then select "W7YRC Party". This event grows every year. We are hoping to be able to raffle some good prizes at the party this year.

73 – Frank Bender, K8FB

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

November 5, 2015 Club Election

During the November 5, 2015 general meeting, an election will be held to fill certain club officer and board positions. Offices to be filled include: vice president, secretary, and three board members. Club members who have an FCC license are eligible to vote.



David W7BJ

TREASURER'S REPORT		General	Repeater
September 2015		Fund	Fund
CASH – August 31, 2015		\$8,438.43	\$2,872.35
	Dues	\$360.00	\$40.00
	Ham Test Online	\$90.00	
	50/50 Raffle	\$57.00	
	Misc. < \$50		<u>\$5.07</u>
	TOTAL INCOME	\$507.00	\$45.07
	Club Station Build	\$228.40	
	Club Station Utilities – 5 mos.	\$200.00	
	Ham Test Online	\$75.00	
	Meeting Room Rent	\$150.00	
	Misc. < \$75	<u>\$138.92</u>	<u>\$0.00</u>
	TOTAL EXPENSES	\$2,176.70	\$0.00
CASH – September 30, 2015		\$8,153.11	\$2,917.42
** Detailed statements are posted on www.w7yrc.org			

Board of Director's Meeting
September 24, 2015 — Minutes

Present: N7NGM, W6TYV, W7BJ, KCØTGG, WB7TPH, KV8TD, K8FB.
Meeting called to Order by K8FB at: 1800 MST.

Old Business:

Treasurer's Report and Meeting Minutes: September meeting minutes and August treasurer's report have been published in the September Signal. Balance: \$8,438.43; repeater fund: \$2,872.35. K8FB stated that he would like to slow the spending rate, as is practical.

— Club Programs:

- October: Robert Spencer KE8DM the ARRL AZ Section Manager
- November: Club Elections, WA6ZZJ Memorial Month. Graham Bacheler, Jeep Posse Captain to give a presentation on the Jeep Posse during November or December meeting.

— YARC Public Service Annual Award – N7CW has updated the award criteria.

— Club Station Updates:

- Newbie session held on September 18 with 14 attendees, plus N6KZ, KG6AY, W1DGL, and K8FB. Main topics: Yagi antenna theory and lightning protection.
- Next newbie session scheduled for October 9. Main topic: How to operate and program your hand-held.
- Club Station Open House on September 19. 6 people showed up for tours and operating demonstrations.
- Station Operating Open House scheduled for September 25.
- TinyTrak4 and Signalink USB received. Awaiting new cable to install RMS express for use of WinLink on 2 meters.

— License Class Study Offerings:

- One person signed up for October 24 General Class License study class. 3 volunteer instructors: KV8TD, WB7TPH, and K8FB. Currently insufficient interest.
- K8FB ordered and received two instructor manuals for Tech and General Class study classes. Received instructor discount from ARRL.

New Business:

— November is Lloyd Halgunseth Memorial Month.

- Article in November Signal – possibly reprint ARES/RACES article on Lloyd done by N7CW.
- N7CW possible to say a few words about Lloyd at the meeting.
- Members to wear ARES/RACES blue shirts in Lloyd's memory.
- Moment of silence in meeting. November Elections.
- N7NGM's Vice President term ends EOY 2015 and cannot be re-elected.
- W7BJ has agreed to continue to serve as Treasurer for remainder of term, which ends EOY 2016.
- Secretary term ends EOY 2015. KCØTGG would prefer not to continue as secretary.
- Board members, except for Past President, are all up for election/ re-election. KV8TD, W6TYV, and KF7YZJ (received notice after meeting) indicated that they will not run for re-election to the board.
- N7NGM and N9JYO have expressed an interest in running for the board.
- W7BJ expressed need for new blood on board. Suggested soliciting members for board and officers from list of new members who have been in the club for 1 to 2 years.
- Nominating committee: WB7TPH and K8FB to review lists, divide up, and call prior to October 1 membership meeting to get nominees.
- Nominations to be made at the October meeting.
 - Club Meeting Breakout – N6KZ has suggested having new/beginning hams to break out of the meeting for a question/answer session during the business meeting. New/beginning hams would return to meeting when finished or by the end of the business meeting. After discussion, board agreed to trial.
 - MHMS – October 16 – KB7TRE, W7BJ, N6KZ, and K8FB will conduct JOTA operating event at the MHMS club station for about 7 Cub Scouts – plus others.

— 6M repeater and duplexer donated by club member Ron Ross, K6CWB. K6VVR has the repeater. The duplexer is at the club's storage locker. No immediate plans to install the 6 meter repeater.

— October 3 Man/Horse Race Public Service Event – K8FB coordinating. 13 volunteers signed up. Each volunteer will either be assigned to base location or assigned with a Jeep Posse member.

— Jeep Posse Presentation – Graham Bacheler, Jeep Posse captain has offered to do a presentation on the Jeep Posse to the club. Timing TBD.

— Hamfest – Clayton, KJ6QJS – President of ERAU radio club offered to partner with hamfest. Use of facility would be free to ERAU radio club. Clayton suggested back parking lots to be primary location. Indoor location for VE exams would be ideal. Would need to coordinate with ARCA and AZ Section Manager. Possible times: late summer, early fall. Clayton indicated hamfest while school is in session is doable.

— Board Meeting Location – Continue at Yavapai Hills HOA or move to Jeep Posse building. The board voted to meet at the Jeep Posse building in the future. K8FB to reserve the last Thursday of the month for the board meetings. After a couple of meetings, K8FB then to cancel the Yavapai Hills HOA club house reservation.

— 2015/2016 Jeep Posse Utilities Payments – Board agreed with \$40/ month payment to Jeep Posse building for utilities for the remainder of 2015. Will determine what the logged usage is for the remainder of 2015 and determine what adjustments might be appropriate.

— 2016 Budget Formulation – K8FB has not been able to complete planned committee budgets for 2016. K8FB will attempt to complete and get with W7BJ to establish 2016 budget to submit to membership in November.

— PA System Wireless Microphone, potential purchase – W7BJ provided some examples to purchase a pair of wireless microphones. W6TYV suggested looking at body microphones and looking at www.sweetwater.com for good selection and prices. W7BJ to come to next meeting with new information.

— Sergeant-at-arms Suggestion – W7BJ suggested that a Sergeant-at-arms be appointed to control noise at the club meetings and pass around the microphone, if wireless microphone is obtained. Microphone would be necessary if live streaming were introduced, so that club members could be heard. It was suggested that Mike, W1DGL might be a good candidate for this existing position. K8FB to get with Mike to see if W1DGL would be interested.

— Website – YARC mail – YARC mail advertised on home page is the old list. The board voted to remove this list from the website. W6TYV also indicated that a simple mail merge could be utilized to send a single email.

— Walter Schumann KF6SPS cancer surgery reported. Walter has been recovering at St. Joseph hospital in Phoenix and was due to be released by the end of the week. An announcement was made on the club's website and an announcement will be made at October 1 meeting.

— Repeater Committee – The board decided to establish a repeater committee to determine a solution to the need for a 2 meter mountain top repeater for the club. Pete's (K6VVR) availability is limited due to the health of his wife. N7CW, N6KZ, W7BNW, and K7POF were possible candidates. K8FB to look into.

— Website Member Expiration – W7BJ agreed, being roster maintainer, to update website expiration date. W7BJ to get together with W6TYV to learn how to do this.

— January 23, 2016 Party Discussion – 2016 is 25th anniversary of the creation of YARC. WN7E has suggested having some more expensive door or raffle prizes in celebration of this anniversary. Overall the idea was well received and various raffle suggestions were made by board members, but no decision was made. Also K8FB wondered if college students should be given a break on the price for the dinner. After discussion, there was interest by the board in reducing the price of the dinner for everyone, with the club making up the difference.

— Adjournment: K8FB adjourned the meeting at approximately 2012 hrs. Respectfully submitted by Frank Bender K8FB, YARC president.

Yavapai Amateur Radio Club (YARC)
General Meeting— Prescott Adult Center
October 1, 2015 — Minutes

Call to Order at: 1900 MST.

Pledge of Allegiance.

Introduction: Robert Spencer KE8DM the ARRL, AZ Section Manager

Walter Schumann, KF6SPS - Recovering from major cancer surgery

John Broughton, WB9VGJ – Recovering from rotator cuff surgery

Welcome visitors.

September Meeting minutes and August Treasurer Report: Published in October Signal – K7POF motion to approve, K6VVR seconded. Approved unanimously by voice vote.

New Members –WB6ODR motion to accept, N9JYO seconded. Accepted unanimously by voice vote:

- Andrew Isbell K7DCT
- Larry Dorrell KG7TTD

Committee Reports:

— YARC Event Communications, Patti KD7VBG

- Prescott Road Rally – October 2 and 3
- Man/Horse Race – October 3
- Diabetes Walk – October 17 – contact WB9VGJ
- The no more public service events until April, 2016

— Patches and badges, Dave W7BJ and Dan AE7IHShirts, Pete K6VVR

— Club Repeater, Pete K6VVR – K6VVR trying to get status of frequency application from ARCA.

— Fox Hunt, Pete K6VVR, John WB9VGJ – October 4 at 1 PM – meet at AZSTCU on Gail Gardner Way

— Elmer, Jim N6KZ – reported on recent activities of the Elmer Group

— School Amateur Club, Terry KB7TRE – several students are working on their licenses using Ham Test Online.

— NRA Birthday, November 17 at Gunsite Academy beginning at 0800 MST. Special event stations will be operating. Will ask for food budget at the November meeting.

— VE, Don WB7TPH – November 7 next testing session at the Jeep Posse building beginning at 0900 MST. VE refresher session at 1030.

— Facebook – Tony KI6AHH – Not present.

Old Business:

— Club Station Updates:

- Newbie session held on September 18 with 14 attendees, plus N6KZ, KG6AY, W1DGL, and K8FB. Main topics: Yagi antenna theory and lightning protection.
- Next newbie session scheduled for October 9. Main topic: How to operate and program your hand-held. All hams are welcome.
- Club station open house on September 19. 6 people showed up for tours and operating demonstrations.
- Station operating open house held on September 25. Five people showed up.
- TinyTrak4 and Signalink USB received. Awaiting new cable to install RMS express for use of WinLink on 2 meters.
- Aerial pictures of the club station and antennas were taken by Bob, KC8BOB and have been posted on the club's website at "Club" then "Club Station".

New Business:

— November is Lloyd Halgunseth Memorial Month.

• Members to wear their ARES/RACES blue shirts or their club shirts in Lloyd's memory at the November meeting.

— November Elections – elections at the November meeting

- Vice President position opening up
- Secretary position opening up
- 3 Board members opening up
- Nominations are being sought.

— Club Meeting Breakout for New and Beginning Hams

- Will begin to have a new and beginning ham break out during the club's business meeting. May not start until the December meeting because of elections in November.

Break

50-50 Raffle: winner was KE7BSY, \$41.00.

KE8DM donated several ARRL repeater directories, and they were raffled from the remaining tickets from the 50-50 raffle.

Program: QRRL Update, by Robert Spencer KE8DM, Yuma, AZ, ARRL AZ Section Manager.

Adjournment: 2040 MST.

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November 5, 2015 Program: Special Interest Group (SIG) Breakouts

With November being Lloyd Halgunseth, WA6ZZJ memorial month and officer and board elections also taking place, this month is a good time for our SIGs to get together and share what has been going on and what plans you have for moving forward.

Get together with one or more of your favorite SIGs or start your own SIG. Active SIGs include: Basic Amateur Radio, Arduino and Raspberry Pi, Echolink and IRLP, Software Defined Radio (SDR), 10 Meter Net, Field Day, and Digital Modes.

VE License Test

November 7, 2015 is your next chance to get your first amateur radio license or to upgrade your license. Testing will be at the Jeep Posse Building on Commerce Drive in Prescott at 0900 MST. There will also be a brief refresher session for volunteer examiners following administering of the tests. Remember — this is the last opportunity to take tests administered by YARC during calendar year 2015.

New Members

The following new YARC members were voted in at the October 1, 2015 general meeting. Please introduce yourself to them and make them feel welcome. They both reside in Prescott.

- Andrew Isbell K7DCT
- Larry Dorrell KG7TT

Member Illnesses

Two of our members are recovering from major surgeries and are fighting cancer. Please reach out to them and remember them in your thoughts and prayers: Joe Oliver AC6AA - our Signal Editor Emeritus, who is recovering from cancer surgery; and Walter Schumann KF6SPS – is also recovering from cancer surgery.

Walter is now out of the hospital, walking, and eating some solid foods. He should be back home in Prescott by the time you read this. Walter said to say hello to all of his friends at the club.

For Sale

Yaesu FT-101B HF transceiver and microphone in excellent condition. Asking \$250.00.
Contact Allan: 928-925-0247



— NRA Special Event Operation

YARC will be sponsoring a special event operation on Tuesday, November 17, 2015 to celebrate the 144th birthday of the National Rifle Association. We will be operating from Gunsite Academy using one of the radio shacks of Gunsite's owner, Buz Mills, K7GST, for the phone portion of the operation. This year, the CW portion of the operation will be conducted from the club station in the Jeep Posse building, organized by Jim, N6KZ, and Loren, AE7CG. We will be using the call sign K7NRA. Mike Campbell of Clarkdale is generously letting us use his call sign as he has done in the past. The operating hours will be from 0800 to 1700 MST. All YARC members are welcome to participate. You will find Buz's radio shack to be interesting.

The listing for the special event is in the November 2015 issue of QST and is on the ARRL's website (Just enter K7NRA in the call sign box to search for the entry.) at:

<http://www.arrl.org/special-event-stations>

There is also information on the YARC website about the event:

<http://www.w7yrc.org/nrabirthday>

If you would like to come and participate, please bring a folding chair. The club will be supplying some food, but you can also bring whatever snack, lunch and drinks (non-alcoholic) that you would like. There is a refrigerator available in the shack and a bathroom.

You are also welcome to visit the club station to watch and/or participate in the CW operation. Buz's address is 3300 West Ravengard Road. Here are the directions to the operating location.

Take Rt. 89 north to Rolling Hills Rd. (at about the 335 1/4 mile mark). Turn left on Rolling Hills Rd. and then turn right at the top of the rise (you'll see a small Gunsite sign with the raven on it) and follow the road to Gunsite. After entering through the Gunsite gate and when you get to the Gunsite buildings, stay on the road and bear left (actually, straight ahead) instead of turning right in to the facility. Stay on this road for about one mile to 3300 (It is well marked.). Turn right at the 3300 marker and follow the lane to the gate.

The coordinates of the turnoff for 3300 are:

34 51.606N 112 32.081W

Press the call button at this gate and it will be opened (It may already be open.). The barn is under the big tower at the top of the hill. Drive through the gate and straight up the hill to the barn. Be aware that the speed limit on Rolling Hills Rd. is only 25 MPH and it is reported the police keep an eye on speeders. It is too easy to drive faster than that, as it is a rural paved road. If you need to contact us for directions on your way in, we'll be on the VVARA repeater. If the repeater is busy, you can call on 147.420 MHz simplex, or you can call me on my cell phone at **928-830-5997**.

I encourage any and all YARC members to participate in this event if possible. Please contact me if you have any questions. The past events have been a lot of fun. Buz is a great host and there was a lot of socializing as well as operating.

73, John, WB9VGJ, **928-775-2259**, wb9vgj@arrl.net .



YARC Party – January 23, 2016

Mark your calendars for the YARC party on January 23, 2016 at the StoneRidge Grill in Prescott Valley. We will also be celebrating the 25th anniversary of the founding of YARC at this event. We hope to be able to raffle some major prizes. Dinner is again \$22 per person. Submit your dinner reservations by going to the club's web site at "Events" and then select "W7YRC Party". Tom Griswold - WN7E and Gail Griswold - K7YTI are again hosting this event this year.



Clayton KJ6QJS

Clayton Jacobs KJ6QJS – W6EEN Scholarship Winner

Club member Clayton Jacobs, KJ6QJS is the recent winner of a Donald Doughty W6EEN scholarship awarded through the Quarter Century Wireless Association (QCWA). Clayton is a senior at Embry Riddle Aeronautical University (ERAU) majoring in electrical engineering. During the school year and summer, Clayton has an internship from a NASA Space Program Grant where he leads a team of students in designing an Eagle-Sat-1 university funded satellite.

The satellite will have some experiments on board that will use amateur radio to communicate the results to the ground station, K7ERU at the ERAU club. Despite his busy schedule, Clayton is often able to attend our club meetings. Clayton likes to participate in public service events when he is able. His amateur radio interests include APRS, HF mobile, and packet/ sound card modes. We are proud of Clayton and wish him well in his future endeavors.



October 3, 2015 Man/Horse Race Public Service Event — Summary

Our club partnered with the Yavapai County Jeep Posse to provide communications for the Man/Horse Race on the side of Mingus Mountain Recreation Area. Two main races were held. One was a 25 mile event and the other was a 50 mile race. A person beat out the horses and the rest of the runners in the 50 Mile event.

Check Point assignments ran from 0500 until 1830 MST on Saturday. W7PRG did yeoman's duty as the net control station for pretty much the entire event. The weather for the event was great despite a morning with temperatures around 43F degrees.

Many thanks go to the following club members for assisting with this last minute event:

Peter W7PRG	David W7BJ	Jo KF7WOT	Terry KG7BAM
Phil N6EEI	Clyde WB7RXK	Lloyd KI4RLR	Dewey KC7FRA
Paul K7UBO	Doug KV8TD	Jim N6KZ	Frank K8FB

October 1, 2015 Program: ARRL Arizona Section Manager (SM) Robert Spencer, KE8DM

Our AZ SM Robert Spencer, KE8DM gave an update on his ARRL organization in Arizona. The Radio Parity Act of 2015 (HR 1301 and S 1685) was also discussed. Robert urged that club members contact their representative and senators to request passage of these bills. This act would direct the FCC to extend its rules relating to reasonable accommodation of Amateur Service communications to private land use restrictions.



October 3, 2015 Man/Horse Race — Detailed Report
by Frank Bender, K8FB

The Man/Horse Race public service event was a success. We partnered with the Jeep Posse in helping to man approximately 10 check points. The Jeep Posse was spread thin on that date because it was also supporting the Prescott Road Rally and the Mustang event. The Jeep Posse leadership is very appreciative of our help. The Jeep Posse has voted to donate to our club some of the proceeds that they will receive from the race organizer to provide communications. The amount to be donated is not known at this time. The Jeep Posse has also invited me to come to the beginning of their business meeting on Thursday, October 15, 2015 to briefly summarize our experiences during the event.

We had 12 volunteers, plus one person who intended to participate in a net control (NC) role, but got sick. It was a very good turnout despite the short notice that we had to plan for this event. In most cases, we were partnered with a Jeep Posse member at various check points along Mingus Mountain slopes. The Jeep Posse had excellent communications capabilities and pretty good net discipline. At two check points, YARC volunteers were the only people manning the check points, so we had to rely solely on our own communications abilities in these instances.

We did encounter some difficulties that impacted our ability to effectively communicate with Net Control (NC). Our NC was stationed in the Jeep Posse Communications Vehicle (CCV) and was subjected to their receiver speaker volumes being turned way up. Even though our NC had a head set, he was often unable to hear our net communications as a result of all of the ambient noise. Also, the 153 MHz Jeep Posse transmitters at base were de-sensing NC's receiver, causing difficulty hearing. As a result, our net discipline broke down on several occasions. We can easily address these concerns for next year. Also, the Jeep Posse will have a new CCV next year, where their operators will be using head sets during these events. The Jeep Posse does seem understanding of the difficulties that we encountered and I think they will chalk this up to first time event issues.

Despite these difficulties, our own two check points performed well with some minor issues. From the comments that I received, nearly everyone stated that they had a good time and would do the event again next year.

There were 25 and 50 mile races, in addition to a minor 12 mile race that did not greatly impact us. Because of the complexity of the course and the duties involved (we were also responsible for manning the water stations), we could use additional YARC volunteers next year. Our NC pretty much was on his own for the entire day (duties began at 0500 and we finished up our last activities around 1830 MST). We could really use a couple more experienced NC volunteers in addition to other volunteers to man check points. However, this event is a good learning venue for NC candidates who would be teamed up with more experienced members.

Listed below are a few lesson learned from our participation in this event.

We look forward to working with Patti KD7VBG to see how we can best coordinate this event and the Prescott Road Rally event for next year. Let me know if you have any questions or concerns.

Lessons Learned — Points that ARES/RACES Might Consider

- We were working until the day before the event to get everyone's HTs programmed for the 147.000 and 449.250 repeaters with the correct offset and PL tones. Several had set up their tones as CTSS instead of Tone, which caused problems hearing the 147.000 repeater. Some of these members having difficulties were fairly inexperienced hams.
 - Emphasis should be made to get everyone to program the recommended ARES/RACES repeaters/simplex frequencies into each of their transceivers and to also test their settings on both transmit and receive.
 - It might be a good training exercise to hold occasional Monday night nets on other repeaters that might be used during an emergency. This might work out some of the kinks associated with programming radios.
 - Providing a program file for some of the popular transceivers (e.g., Baofeng) so that people could program their transceivers in a flash might be something to consider to make sure everyone is properly prepared to use all potential frequencies.



Lloyd WA6ZZJ

Lloyd Halgunseth, WA6ZZJ, Memorial
by Bud Semon, N7CW

Although it seems like only yesterday, it's now been a year since Lloyd left us. Last year YARC voted to make November Lloyd Halgunseth, WA6ZZJ, Month in memorial, so it seems appropriate to look back. For our newer members, Lloyd was the District Emergency Coordinator/Radio Officer for the Yavapai County ARES/RACES organization for 16 years. In addition to that full time job (I know because I have it now - I don't know how he did it), he was also the YARC Public Service Coordinator - he organized and ran 90% of the YARC Public Service Events. He was dedicated to Public Service in a way that very few people can comprehend.

From my point of view, Lloyd was my boss (in ARES/RACES), my mentor and most importantly, my friend. We worked together in many real emergency situations, in drills, in public service events and in ARES/RACES infrastructure repair and improvements. If you spent any time with him, you know that above all else, he was calm, cool and collected. When everyone else's hair was on fire, Lloyd just went about his job with no fanfare - doing it right. This trait served him so well - whether half a dozen people were telling him to go in different directions during the Gladiator Fire, whether a bicyclist had gone off the road during the Whiskey Off-Road bike race or runners were developing hypothermia during the Whiskey Row Marathon - he never let it get to him. Maybe it was his way or maybe he developed it during his 33 years as a UPS driver in Southern California (imagine the frustration of spending 8 hours a day on the road with California drivers). In any case, it's a quality I wish I had.

In his 16 years of leading ARES/RACES and being a YARC member (he was voted a life time membership in YARC for his years of public service), he touched a lot of lives and I'm sure we all have our favorite anecdotes. Mine involves our decision to snowmobile up Mt. Union to repair the repeater a few years ago. The snowmobiles were unstable and we were constantly putting our feet out to keep them from rolling over. Lloyd did that once too often, caught his boot on a branch and wrenched his ankle. Soon after that, the snowmobile ran out of gas. We walked up to the mountain top, repaired the antenna and walked back to our cars through several miles of snow. Although he was limping, he didn't realize he had broken his ankle until he got home. And there was no swearing or whining on the way back down.

The club has decided to honor Lloyd with an annual award to the ARES/RACES or Club member that most lives up to his spirit of public service. The details are complete and will be announced at the Holiday Party. During the last year, the ARES/RACES Communications Vehicle was re-stripped and Lloyd's name now features prominently on the side of the van. Donations to the ARRL in Lloyd's name last year purchased 3 memorial bricks in the League's Diamond Terrace (see the photo on the next page).

It is not too late to make a tax-deductible donation in his name - send it to the American Radio Relay League. Please send a check made out to ARRL/Brick to the ARRL Diamond Club, 225 Main St. Newington, CT 06111 and note that it is in memory of Lloyd Halgunseth, WA6ZZJ. Donations will be used to support the ARRL's emergency communications program.

I urge you to make a resolution (the New Year is right around the corner) to use your ham radio privileges and the skills you have learned to give back to our community - join ARES/RACES (http://k7yca.org/how_to_join.htm) or participate in a club sponsored public service event (<http://www.k7yca.org/calendar.htm>). Let's keep Lloyd's COMMITMENT to public service alive.



Lloyd Halgunseth, WA6ZZJ Memorial Bricks at ARRL Headquarters, Newington, Connecticut





October 4, 2015 Transmitter Hunt
by Bob (WB6ODR) and Linda (KD7EEO) Smith

The October 2015 T-Hunt looked like it might get rained out as we watched the weather from our house. As we left the house about 1230 MST, it seemed to clear up and the short drive to the location we wanted to use found the weather cooperating. We parked our car in a designated parking area just behind the RV storage lot that used to be Lamb Chevrolet. We turned on the secondary transmitter and connected it to the car antenna. I hoped to cause a little confusion with the primary transmitter being up the trail a ways and the secondary being where you parked.

Within 10 minutes of his starting time, Forrest WH6EAL, came running up the trail and I thought we would have a record find time. As he walked right by the fox and started climbing downhill both my wife and I wondered where he had gone. Spotting him down hill and off the trail we thought he was lost. It seems he bumped his equipment and was headed back to the parking area and the secondary signal. After a bit he came jogging back up the trail and made the find before anyone else, using a whole 25 minutes from start to find. The team of Mike AD5SU and Betty KF5LDA were next at 50 minutes while the team of Frank KF7ANK and Jeff WB7RFY did not find the transmitter. Afterwards we gathered at the Junction to rehash the hunt, visit and enjoy some food. My wife and I are looking forward to another of Forrest's very creative hides in September.

The three teams were: Forest, WH6EAL; Mike AD5SU and Betty KF5LDA; and Jeff WB7RFY and Frank KF7ANX.

October 4, 2015 Transmitter Hunt Results		
Place:	Team:	Time:
1	WH6EAL	25 minutes
2	AD5SU & KF5LDA	50 minutes
3	WB7RFY & KF7ANX	DNF (Did Not Find)

John WB9VGJ has posted pictures at:

<http://tinyurl.com/YARCFoxhuntOctober2015> .

Additional photos will be found on the next page of this newsletter.



October 4, 2015 Transmitter Hunt

L: Mike, AD5SU

R: Forrest, WH6EAL

YARC Volunteer Opportunities

Contact Frank Bender, K8FB (president@w7yrc.org) if interested in helping out in any of these or other areas.

Opportunity	Description
Buddy Mentor	We are looking for several more experienced club members to be a resource that new hams can contact with questions. You would also be a friendly face in the crowd. Here's an easy way to give back to our club and help keep the interest of newly licensed hams.
License Test Preparation Tutors	We are still looking for volunteers interested in helping out with tutoring club members who are studying for their license tests.
Assistant Webmaster	We are looking for a volunteer who has strong Word Press and associated skills who can assist the webmaster with the website work load, especially with more complicated Word Press coding concepts.
Club Station Access Members	With the installation of the new club station (W7YRC) at the Jeep Posse building, we are in need of several members who will have access to the building and the station. These members will have access for a period of time and will need to be available to be scheduled for open house operating events, as well as opening up the station upon request for the use of other club members. Please send your request with a brief rationale as to why. You should be considered to Frank Bender, K8FB or Don Bauer, WB7TPH.
Yavapai Hamfest Chair Person	The YARC Board would like to re-institute an annual hamfest in the Prescott area. We envision the hamfest being a half day or so event at a local venue, such as ERAU. The timing of the hamfest has not been determined. A hamfest in the summer would entice hams in the hotter areas of the state to come to Prescott. A spring or fall hamfest would also be an option.



Start an Amateur Radio Virtuous Circle

by Dan Romanchik, KB6NU

On the ham_instructor Yahoo Group (https://groups.yahoo.com/neo/groups/ham_instructor/info) recently, we talked about the classes that we are going to be offering this fall. About his Tech class, Bob, KØNR, noted, "Currently have about 30 students signed up. We keep thinking we'll run out of interested people but they keep coming."

I've noticed the same thing here, too. I keep thinking that I am going to run out of people to teach, but I have no problem at all filling my classes. In fact, I'd go so far as to say that the more people that have taken my class, the more people there are that want to take it.

Of course, this makes perfect sense. If there are more people out there who have amateur radio licenses, there are more people out there talking about amateur radio, and actually doing amateur radio. And, the more people out there talking about and doing amateur radio, the more likely it is that other people will become interested in amateur radio and get their licenses as well.

It's an amateur radio "virtuous circle."

What does this tell you? Well, if you're in a place where amateur radio seems to be dying out, or belong to a club that is slowly fading away, start a class! I think every club should hold classes at least once a year, even if that first class has only one or two students. Those first few students are the start of your virtuous circle.

Don't know how to start a class? I can help you there. Start by reading my blog post, "Teaching a one-day class" (<http://www.kb6nu.com/teaching-a-one-day-tech-class/>). It has a lot of practical information, including tips on how to select a venue, how to publicize the class, how to get people to sign up for the class, and finally, how to teach the class.

You might also want to join the ham_instructor mailing list I mentioned earlier. It's a relatively low-volume list, but the subscribers have a lot of experience that you can tap into.

Also, get a copy of my free Tech study guide (<http://www.kb6nu.com/study-guides/>). Not to brag (well, OK I am bragging), but it I really think that it's the best study guide for a one-day class. The study guide presents the topics in exactly the same order as I cover them in class. Read through it and you'll see what I mean.

If you need more help, or even just some encouragement, e-mail me, and I'll do what I can to help you. Seriously.

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When not teaching ham classes or publishing amateur radio study guides, Dan, KB6NU, operates CW on the HF bands (mostly 40M and 30M). His #1-rated amateur radio blog can be found at KB6NU.com, and you can email questions, comments, or complaints to cwgeek@kb6nu.com.



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Yavapai Amateur Radio Club — W7YRC Club Station Access List — Effective August 20, 2015				
Name:	Call:	Lic. Class	Notes:	Telephone:
F. Bender	K8FB	E	YARC President	379-5575
P. Morrison	K6VVR	E	W7YRC Trustee	899-8555
B. Semon	N7CW	E	Elmer Group	771-8267
J. Zimmerman	N6KZ	E	Elmer Group	713-0542
A. Protas	KG6AY	E	Elmer Group	227-2954
D. Freeman	KV8TD	E	N7GMH Trustee	759-0958
D. Bauer	WB7TPH	E	VE Chair	775-4690
R. Dashiell	W6TYV	G	Dual Member	602-501-2571
J. Grimm	KD7RMV	T	Dual Member	759-0747
R. Mauldin	N7NGM	E	Rotating Member	216-2637
D. Hanson	W7BJ	E	Rotating Member	602-615-3444
M. Belanger	W1DGL	G	Rotating Member	420-0498

