



Yavapai Signal

The Yavapai Amateur Radio Club – Prescott, Arizona – DM-34 – Volume 32 – No. 7 – July 2017

Upcoming Club Events				
Event	Date	Time	Place	Contact / Info:
General Meeting	TH 07/06/17	1900 MST	PMHMS	Club Website
Fox Hunt	SUN 07/09/17	1300 MST	OneAZ Credit Union Parking Lot, GG Wy. & WC Rd.	Pete K6VVR or John WB9VGJ
YARC Breakfast	TH 07/20/17	0800 MST	BackBurner Restaurant, Prescott Valley	Don WB7TPH or Jeff WB7RFY
Public Service Event Communications — Schedule — See page 6.				
License Testing — Schedule — See page 9.				

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	Mike Reid N7IEP	Pete Morrison K6VVR
Cost:	\$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, 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

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

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

I want to thank everyone who helped to make our recent hamfest a very successful event. Even though we had one full paid day for the event, it was still very well attended and everyone seemed to have a great time. Everyone seemed also to enjoy the seminars which were held on our free day (Friday).

I especially want to thank the committee members who gave a lot of time this past year planning this event. Frank K8FB, our chairman; and committee members: Art KG6AY; Art KA5DWI; Mike N7IEP; Jim N6KZ; Bill W7PVA; Jeff (ARCA) WB7RFY; Doug NO1D; Brian K7TSY; John K7PRS; and Kathy KJ6KMK. A hamfest takes a lot of planning and preparation, and these committee members were willing to step up to help make this a successful and fun event for everyone.

However, as with any event, we can always improve on our performance. If you have constructive ideas for improvement (or want to volunteer to serve on the committee to plan our next hamfest), please send me an email to KJ6KMK.YARC@gmail.com or just to the president's email on the club website.

New Members: Approved at the June 1, 2017 General Meeting

Name:	Call Sign:	Address:
Christian Nicholas	KG7OIJ	Prescott Valley
Dennis E. Baile, Sr.	KG7OIW	Prescott Valley
Charles McKee	KI7LXB	Dewey
Damon Fetty	KI7NRP	Prescott Valley
Tom Schwartz	KI7NRQ	Prescott



Mike N7IEP

Correction

In the June 2017 issue of the Yavapai Signal, the entry under “Repeater Fund, Cash – April 30, 2017” was shown as “\$2,640.68”. That figure is a typographical error, for which the newsletter editor apologizes. The correct figure should have been “\$2,840.68”. Thanks to Mike N7IEP and Doug NO1D for pointing out the error.
 — Loren AE7CG, Newsletter Editor

TREASURER'S REPORT May 2017	General Fund	Repeater Fund	Prescott Hamfest Fund
BEGINING CASH - April 30, 2017	7,633.40	2,840.68	(469.10)
Dues	171.00	19.00	
Donations		20.00	
Class book sales	235.00		
Ham Test Online Course	79.80		
PHF Hamfest Sales			96.00
50/50 Raffle - net	67.00		
Misc. < \$50	38.16		(2.34)
TOTAL INCOME	590.96	39.00	93.66
Elmer expense	139.11		
CS Hardware	72.58		
Ham Test Online Codes	99.75		
Misc. < \$50	12.98		143.70
TOTAL EXPENSES	324.42	0.00	143.70
CASH - May 31, 2017	7,899.94	2,879.68	(519.14)

** Detailed statements are posted on www.W7YRC.org

Board of Director's Meeting

Date: May 25, 2017

=====MINUTES=====

Present: K8FB, N7IEP, KA5DWI, KJ6KMK, AB9JS, and KG6AY;

Absent: N7NGM

Meeting called to order by KJ6KMK at 1800 MST.

Old Business:

The May 2017 board and general meeting minutes and the April 2017 Treasurer's report have been published in the June Yavapai Signal (General fund \$7633.40; repeater fund \$2840.68; hamfest fund a negative \$469.10.

□ A motion was made by K9WIZ to accept the minutes and the treasurer's report as printed in the Yavapai Signal. Motion was seconded by AB9JS. Motion passed.

Request to approve additional expenditure to complete club tower installation: KG6AY

□ A motion was made by AB9JS to approve the expenditure of up to \$300 to complete the club tower installation. Motion was seconded by KA5DWI. Motion passed.

Request to approve expenditure for club station move – K8FB & KG6AY

□ A motion was made by KA5DWI to approve the expenditure of up to \$300 to complete the club station move. Motion was seconded by K9WIZ. Motion passed.

Upcoming Programs: June: Ned AA7A – EME; July – open; August – open; September – open; October – NO1D / K7PRS.

Prescott Hamfest at ERAU - Update from K8FB

□ K8FB provided information on the final preparations for the hamfest. Another request for volunteers will be made at the June general meeting.

June Field Day – June 24-25 – update from KJ6KMK

□ Field Day will be held on June 24 & 25 as a 24-hour event. The club picnic will be held at 1500 MST on the June 24. Operators and loggers still needed.

New Business:

Discussion of the Mt. Union Repeater – N7CW

□ N7CW will update the Memorandum of Agreement (MOA) between ARES/RACES and YARC for use of the Mt. Union repeater and present it to the board.

Any additional business to bring before the board:

□ N7IEP requested permission to order 5 more Ham Tests online for the club. A motion to accept was made by KG6AY and seconded by KA5DWI. Motion passed.

□ Frank-K8FB provided an update on the most recent public service events.

Adjournment: KJ6KMK adjourned the meeting at 1930 MST.

Yavapai Amateur Radio Club, General Meeting

Date: June 1, 2017

=====MINUTES=====

Call to Order at: 1900 MST.

Pledge of Allegiance: Led by KJ6KMK

Agenda:

Welcome visitors: The president welcomed the visitors to the meeting.

New Members: Dennis KG7OIW, Tom KI7NRQ, and Charles KI7LXB.

□ Motion made by AB9JS to accept the new members and seconded by WB6ODR. Motion passed.

Prescott Hamfest at ERAU - Update from K8FB

— Balloon launch by ANSR, Saturday morning, June 10

— Tickets still available for grand prizes

— Still need volunteers for Saturday, June 10

— Check out the seminars to be presented

— Meeting for volunteers is Friday, June 9 at 0900 MST at ERAU Davis Learning Center

Additional New Member Application: Christian KG7OIJ

☐ Motion made by WB9VGJ to accept the new members and seconded by K6VVR. Motion passed.

Field Day – June 24 & 25 – Jeep Posse Building - KJ6KMK

— Still need operators and loggers to sign up

Granite Mountain Hotshots Memorial Event June 30 – KV8TD

☐ The event will be held at the Jeep Posse Building on 30 June. Let KV8TD know if you will be operating from home so he can coordinate frequencies.

Upcoming Programs:

— June: Ned AA7A – EME vice director of the ARRI Southwest Division

Break: 15 minutes

50/50 Raffle: \$69 ticket 8298019 won by KG7YVP.

Committee Reports:

— License Classes, K7TSY & AD7YR; YARC Event Communications, K8FB; Club Repeaters, K6VVR & NO1D;

— Fox Hunt, K6VVR & WB9VGJ; Elmer Report, KG6AY; VE Exam, WB7TPH, next exam June 9, 1630 MST at ERAU.

Treasurer's Report and Meeting Minutes:

— The May 2017 Board and Member meeting minutes and the April 2017 Treasurer's report has been published in the June Yavapai Signal (General fund \$7633.40; repeater fund \$2840.68; hamfest fund. a negative \$469.10.

Typographical error for repeater fund published in the Signal is corrected in this agenda. Shown in Signal as \$2640.68 corrected as \$2840.68

☐ Motion report made by K6VVR to accept these minutes and the corrected.

Treasurer's report seconded by NO1D. Motion passed.

Additional New Member Applications: Damon KI7NRP.

☐ Motion made by K6VVR to accept the new member and seconded by AB9JS. Motion passed.

Adjournment: KJ6KMK adjourned the meeting at 2045 MST.

Public Service Event Communications

by Frank Bender, K8FB

We are now accepting volunteer sign-ups for the following events:

☐ March of Dimes Walk (starts at the Prescott Courthouse square) – August 26, 2017 – contact Frank Bender K8FB (fhb47@hotmail.com). If anyone has a set of event documents from last year, please forward a copy of them to Frank Bender K8FB (fhb47@hotmail.com).

☐ Skull Valley Loop Challenge - September 17, 2017 - A 54 mile bike race that begins at the Prescott Courthouse square – contact Frank Bender K8FB (fhb47@hotmail.com).

☐ Groom Creek Classic Run – September 23, 2017 - contact Frank Bender K8FB (fhb47@hotmail.com).

☐ Bradshaw Grinder – September 23, 2017 – Contact Bob Thompson KC8BOB (bobnstar@cablene.net).

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. 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.

To get started, all you need is a VHF 2 Meter hand held transceiver. We can still use you even if you don't currently have a 2 Meter transceiver. The Elmer Group has loaner radios that you can use, if you contact them early enough (ask.elmer@w7yrc.org).

Please consider signing up for one or more of these events. You can find these and other upcoming public service events on the club web site at <http://www.w7yrc.org/public-service-events/>.

General Meeting Programs

by Frank Bender, K8FB

June Program – Communicating using Earth-Moon- Earth (EME) Many thanks to Ned Stearns AA7A for giving the presentation on his experiences communicating by bouncing signals off of the moon. One of the big take aways of Ned's presentation is that it is much easier to accomplish EME with a 2 Meter SSB transceiver, power of about 150 watts, a modest Yagi antenna, and the use of the weak signal JT65 mode.

July Program – The program for July will be Special Interest Group (SIG) breakouts.

Following are the current YARC SIGS and moderators:

- Beginning Ham SIG – Jim N6KZ and Art KG6AY
- Digital SIG – Tom W7SUA
- Software Defined Radio (SDR) SIG – Doug NO1D
- Arduino and Raspberry Pi SIG – Doug NO1D – may be combined with SDR SIG
- IRLP and Echolink SIG – Rex N7NGM
- 10 Meter SIG – Bill W7PVA
- Amateur TV (ATV) – Moderator



Tony K6PSR



Bill W7PVA



Ken WA6AQK

YARC Members at the Prescott Hamfest, June 9–10, 2017

Embry-Riddle Aeronautical University
(Photos courtesy of Mike Belanger, W1DGL)



Prescott Hamfest at Embry-Riddle Aeronautical University (ERAU) by Frank Bender, K8FB

The Prescott Hamfest at ERAU, held on June 9 and 10, was a great success with a very good turnout. There were 628 paid admissions on Saturday, June 10. Thanks to all of the YARC volunteers who helped with setting up, running the event, and cleaning up. We couldn't have done the event without your able assistance. The weather was great, although a bit windy in the afternoons. Friday afternoon consisted of seminars, as well as a VE license exam session led by Don Bauer, WB7TPH. Six people took their exams and five passed: 2 Technicians, 2 Generals, and 1 Amateur Extra licenses were earned.

Saturday morning started things off with the tailgating / swap meet. The lot for this event was nearly full by mid-morning. We had lots of tailgaters and vendors participating. Indoors we had a number of top notch vendors, including The DX Store, YAESU, Next Generation Antennas, Ham Crazy, and Mannix Family Solar. Also indoors were club and informational booths. In the afternoon we had another round of great seminars that were well attended. Doug Theriault NO1D did a great job of organizing a good number of interesting seminars.

The club's Consignment Sales booth had a successful day on Saturday. Consignment Sales was led by Jim Zimmerman N6KZ and his associates. Brian Vlastelich K7TSY set up and operated a Get On The Air Station (GOTA) at the hamfest and made some good contacts across the country, including a contact with Hawaii.

Arizona Near Space Research (ANSR) had planned to launch their balloon at the hamfest at 0900 MST. Because their flight predictions calculated that the payload would land in an inaccessible location, a late decision was made to delay the launch and move the launch location. The balloon was launched at 1000 MST from a church parking lot near the drive-in sign on Senator Highway. A few minutes after launch, the balloon was visible in the skies over the hamfest. The balloon proceeded over Prescott Valley, Jerome, and landed somewhere in the Sedona area. The ground station at the hamfest tracked the balloon and the video from the balloon was live streamed over the internet. This live video was projected indoors at the Student Union on the ERAU campus, where the indoor vendors were located. The video from the balloon showing the curvature of the earth from near space was stunning. ANSR did this launch to test out their equipment for the total eclipse launch later this summer.

The Amateur Radio Council of Arizona (ARCA) held their annual meeting and repeater coordination meeting on Saturday. To top off the event, at 1500 MST we gathered in the Davis Learning Center Auditorium where ARCA led things off with its award presentations. Next came the drawing of unclaimed hourly drawing prizes. Finally, the major prizes drawing took place (the winners did not have to be present to win). The first grand prize, the YAESU FTDX1200 HF/ 6M Transceiver, was won by James Wasson N7ELL of Tempe, AZ. Four of the seven major prizes were won by YARC club members: Mike McDaniel K17LWZ, Bill Barnard W6ST, Mike Norton K7PVY, and Early Woody KD7ZXU. You can see all of the major prizes and prize winners on the home page at www.prescotthamfest.com.

We are grateful to YARC's hamfest partners, the EAGLE Amateur Radio Club at ERAU and the Amateur Radio Council of Arizona (ARCA) for making the hamfest possible. Our hamfest was also sanctioned by the ARRL. Rick Paquette W7RAP, the newly elected ARRL AZ Section Manager was unfortunately seriously injured in a fall from the roof of his home and was unable to attend the hamfest. Reinhard Geissler K7RGG represented the ARRL while checking DXCC QSL cards at the hamfest.

Here are some pictures taken at the hamfest by Mike Belanger W1DGL:

<https://onedrive.live.com/?authkey%21AGBLWfNq2OwJ1mM&id=7F7A0FB767DB6320%2125300&cid=7F7A0FB767DB6320>.

Here are photos taken at the hamfest by Dottie Akers WF7DF:

https://www.dropbox.com/sh/bzjplbg3a6y7ubu/AADQjVgFmB9ChueDQUe_bjd0a?dl=0.

Dottie also has photos of the ANSR balloon launch preparation and actual launch that took place on Saturday, June 10 on Senator Highway.

Many thanks go to the hamfest committee for planning, organizing, and running the hamfest. This group began meeting in September of 2016 to make the hamfest happen. Members of the committee include: Kathy Laing KJ6KMK, Don Bauer WB7TPH, Bill Noe W7PVA, Art Protas KG6AY, Jim Zimmerman N6KZ, Brian Vlastelich K7TSY, Jeff Hanna WB7RFY (also representing ARCA), Doug Theriault NO1D, Mike Reid N7IEP, Frank Bender K8FB, Delbert Conn W7DEC, Braden Johel KJØHEL, and Steve Buck KMØCYL. W7DEC, KJØHEL, and KMØCYL are members of the Eagle Amateur Radio Club at ERAU, our hamfest partner. Also thanks to Steve LaVigne and Randy Dashiell W6TYV, who got our hamfest web site started. We are especially grateful to Creighton Grotbeck AD7YR who set up all of our registration and PayPal forms on the hamfest website.

If you have any comments about or suggestions for the hamfest, send them to Frank Bender K8FB (fhb47@hotmail.com).

Mark your calendars, as the 2018 Prescott Hamfest at ERAU is scheduled for June 1 and June 2, 2018. We have already reserved the facilities and there will be tailgating/swap meets, indoor vendors, and seminars on both days. We moved the date so as not to conflict with Ham-Com in Dallas, which a number of Arizona vendors go to, and the VHF contest which take place on the second weekend of June.

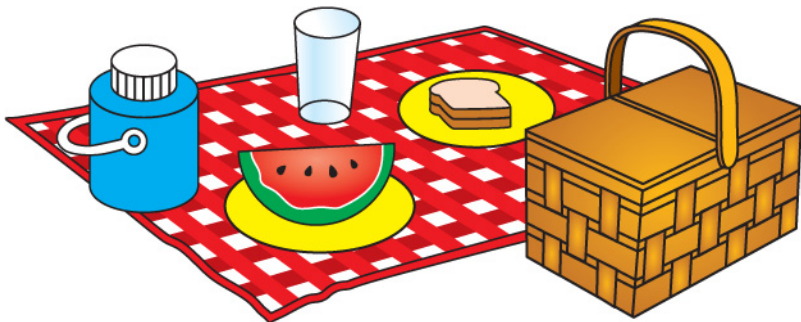
License Testing
by Don Bauer, WB7TPH

Our next test session will be Saturday, July 8, 2017 — 0900 MST, Jeep Posse Building

The June 9 test session resulted in 2 new Technician licensees, 2 Generals and 1 Extra. Unfortunately, one candidate did not pass, but promised to try again. Congratulations to all, and a big thanks to our stalwart VEs for a job well done.

Upcoming License Testing

Date	City	Location	Time	Sponsor	Contact	Walk-in
07/08/17	Prescott	Jeep Posse Building	0900 MST	YARC	Don Bauer 928-775-4690	Yes
08/28/17	Prescott Valley	Trinity Lutheran Church, 3950 Valorie Dr.	1830 MST	PV Ham Study Group	Jim Scherfling 928-632-2050	Yes



2017 Field Day and YARC Picnic

The 2017 YARC Field Day operation will run from 1100 MST on Saturday, June 24 through 1100 MST on Sunday, June 25 at the Jeep Posse building at 1200 Commerce Drive in Prescott (behind the skating rink at Pioneer Park). Field Day set up will be on Saturday morning.

The annual club picnic will be on Saturday, June 25 beginning around 1500 MST at the Field Day location. Terry Schultheiss KG7BAM will again be preparing barbeque beef tri-tips. Meal and drink cost will be \$5 per person. Members are asked to bring a dessert. The club will conduct a 50/50 drawing at the picnic. See Jo Schultheiss KF7WOT (joann@ssofaz.com) to purchase meal tickets. Or you can go to www.w7yrc.org and select "Join Us" on the main menu. Then select "Shopping Cart" to purchase meals online.

A Get on the Air (GOTA) station will be available for inexperienced hams and non-licensed persons, run by Jim Zimmerman N6KZ. Come out and operate one of our Field Day stations and enjoy the fellowship of other members and guests at the picnic on Saturday.

If you have a camper or RV, you can park it on the gravel parking lot overnight on Saturday. There are no hook-ups and no dumping is permitted.

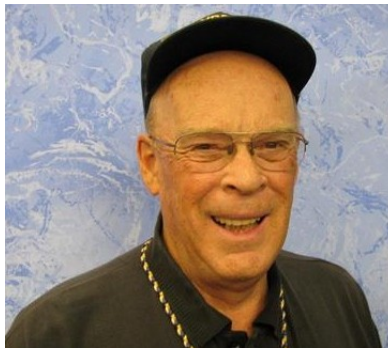
This event is open to the public. Talk-in will be on the YARC repeater – 146.880 (-) MHz, 100 Hz PL tone.



Andrew Ashcraft, 29 • Kevin Woyjeck, 21 • Anthony Rose, 23 • Eric Marsh, 43
 Christopher MacKenzie, 30 • Robert Caldwell, 23 • Clayton Whitted, 28
 Scott Norris, 28 • Dustin Deford, 24 • Sean Misner, 26

NEVER FORGET
06-30-13 Granite Mountain
 Hot Shots

Garret Zuppiger, 27 • Travis Carter, 31 • Grant McKee, 21
 Travis Turbyfill, 27 • Jesse Steed, 36 • Wade Parker, 22
 Joe Thurston, 32 • William Warneke, 25 • John Percin, 24



Doug KV8TD

N7GMH: Remembering the Hotshots — Special Radio Operating Event
 by Doug Freeman, KV8TD

Because there will not be too many commemorative activities in Yarnell, we will be operating the W7YRC club station at the Jeep Posse Building in Prescott as N7GMH on June 30, 2017 from 0900 to 1700 MST.

In addition, club members are encouraged to operate from their home stations as well, with the caveat that home station operation be coordinated with KV8TD in real time at [928 273 2887](tel:9282732887) or pre-event at w6nhx@aol.com to prevent having more than one station on a band at any one time. I will maintain a real-time schedule, but please contact me ahead of time if possible with your desired operating period.

Home station operation is further encouraged outside of the 0900–1700 MST time period. Please send your logs to Don WB7TPH who again this year will be our QSL manager, and please keep the logs in GMT / UTC / Z time.

USPS address:

Don Bauer
 7150 E. Acre Way
 Prescott Valley, AZ 86315-4714



Rex N7NGM

N7NGM Echolink Node

Rex Mauldin N7NGM has set up an Echolink node on 147.405 MHz simplex. Contact Rex at (9091rm@gmail.com) if you would like further details. The node is located behind the Goodwill store on Iron Springs Road. Echolink allows licensed radio amateurs to connect to and communicate with the 147.405 MHz radio via the internet from anywhere in the world. Of course, you have to install the Echolink software on your PC or mobile device to connect via the internet.

Rex was going to demonstrate the Echolink capability at the IRLP/Echolink SIG at the July YARC meeting. However, Rex is recovering from a foot injury that will prevent him from presenting at the meeting.

Questionnaire

The club has been receiving a number of inquiries from hams wanting to move to our area. In order to provide them with information about "ham friendly" areas we would like to request that you complete the following questionnaire and either bring it to the meeting or email it to a club officer or board member. We will also provide copies at the meetings for your convenience. Thank you for helping other Hams.

Name: _____ Call: _____

Address: _____

Name of Subdivision (if any): _____

Do you reside in a City, Town or County?

City: _____ Town: _____ County: Y or N

Are you subject to any antenna restrictions? — Y or N

If there are restriction, what are they? _____

Have you any other specific comments about your experience?

Sunday Foxhunt: June 4, 2017
by John Broughton, WB9VGJ

The monthly foxhunt was held Sunday, June 4, 2017. Bob WB6ODR and Bob WA6FBA were the foxes. There were two teams for this hunt: 1) Pete K6VVR and Patrick KG7EWD; and 2) Jeff WB7RFY and John WB9VGJ.

The results of the hunt were:

Finish	Team	Time
1	K6VVR and KG7EWD	1 hr. 9 min.
2	WB7RFY and WB9VGJ	1 hr. 11 min.

The foxes picked good spots to hide the transmitters, on the Centennial Trail. WB6ODR parked his pickup truck across the street a little north of the trail-head in a vacant lot as a decoy. WB7RFY and I realized it was a decoy, but failed to notice the trail-head. I did manage to end up on the trail coming in from off the trail.

However, as the secondary transmitter was not very far from the primary transmitter, I found the secondary transmitter first and its signal impeded my finding the primary transmitter. The foxes turned off the secondary transmitter and that enabled me to find the primary in good time. However, as WB7RFY and I had stopped to check out empty lots on the north and south sides of the street a 100 yards or so south of the trail where the transmitters were hidden, we lost valuable time, which resulted in our team coming in second. I had arrived at the location of the foxes 40 minutes before finding the primary transmitter. It was a challenge.

After K6VVR found the primary transmitter, the foxes turned on the secondary transmitter so he and KG7EWD could look for it.

You can see pictures of the hunt here:

<https://tinyurl.com/YARCFoxhuntJune2017>

We had our usual after hunt socializing session at 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.

Saturday Foxhunt: June 17, 2017
by Pete Morrison, K6VVR

YARC's first Saturday foxhunt was a great success. There were three two-person teams. All three teams were able to find the location of the hidden transmitter. The winning team consisted of Bob WA6FBA and Jerry KF7FPD.

- For July, the foxhunt will be on Sunday, July 9 at the usual time and place.
- For August, the foxhunt will be on a Saturday, the date to be determined.

In June, having two foxhunts was just an experiment to determine the popularity and participation on Sunday and Saturday. Long-term, we will not be staging two foxhunts each month. Ultimately, a vote may be taken at a general meeting to decide whether Sunday or Saturday is the better day of the week for the club to schedule its foxhunts. Stay tuned!

WA6ZZJ's Equipment
by Kathy Laing, KJ6KMK

At the April 6 general meeting, Jan Halgunseth (widow of Lloyd Halgunseth WA6ZZJ) brought some of Lloyd's equipment for members to look at and take for free. If you did take any of the equipment, could you please send Jan a note or an email to let her know what you have and maybe how you will use it. She would like to know that Lloyd's equipment is being used again.

If you want to you can send the note to me and I will forward them to Jan: KJ6KMK.YARC@gmail.com .

Growing the Ranks vs. Growing the Enjoyment

by Dan Romanchik, KB6NU

Because I teach amateur radio classes and publish a series of popular amateur radio license study guides (www.kb6nu.com/study-guides/), I often get kudos for "growing the ranks." In fact, Gordon West, WB6NOA, told me this just last week, when he stopped by the booth I was in at the Dayton Hamvention. I'm paraphrasing a little, but after telling me that he's heard good things about my study guides, he said something like, "You're doing good work in helping get more people into ham radio."

People say that as if this is—or should be—the ultimate goal of teaching a license class. While this may be one of the goals, if that's your primary goal, I think that you're barking up the wrong tree.

In a way, creating more hams is selfish. If there are more licensed amateur radio operators, they say, then amateur radio will have more political clout with the FCC and with Congress, making it easier to pass legislation like the Amateur Radio Parity Act. While this may certainly help the new ham down the line, its main thrust is to reduce restrictions on those who are currently hams.

My goal in teaching amateur radio classes isn't to create more hams. Instead, my goal is to help more people have fun with ham radio. The first step in helping people have fun with ham radio is, of course, helping them get their license. I do that by publishing my study guides and teaching ham classes.

The next step, and I'm only really getting started on this right now, is to help people learn what they need to know to become better ham radio operators. That's why I got a little excited when I saw the article, "Making a Good hobby Better Through Post-Licensing Enrichment" by Tim Busch, N0CKR in the latest issue of Radio Waves, the ARRL's email newsletter for amateur radio instructors.

In the article, Tim describes several activities that his club encourages, including a "new ham net" and the Field Day GOTA station, but he also details a program of "mini classes" that will teach specific skills related to ham radio. These include:

- * Programming Radios and Getting on the Air
- * Soldering 101
- * Multimeter 101
- * Build and Use a Roll-Up J-Pole Antenna
- * Build and Use a Satellite Antenna
- * Foxhunts
- * Operating Digital Modes: IRLP, AllStar, D-Star, EchoLink, etc.
- * Remote Operation
- * Software-Defined Radios
- * Transitioning from VHF/UHF to HF Operating
- * Chasing Awards
- * Learn CW
- * Contesting

Tim writes, "Each class is intended to be no more than two hours at a sitting, so they can be held before a monthly club meeting. The variety of subject matter allows many club members to get involved in leading a topic. Materials kits are prepared in advance, so students walk away with practical items they can use at home."

I think this is a great set of classes, and I plan to try some of these in the fall. A couple of other topics that occur to me are:

- * Power Supplies 101
- * Mobile Operation 101
- * ARRL 101
- * RFI/TVI 101

Helping new hams—and old hams—have more fun with amateur radio is a lot more satisfying to me than just "growing the ranks." It would be nice to say that we have a million licensed radio amateurs in the U.S., but I think it would be a lot more valuable to the hobby to say that a larger percentage of licensed hams were active and enjoying ham radio. I know that, for me, increasing the number of active, engaged hams would be more personally satisfying than simply creating a lot of new licensees.

When he's not working on helping new hams, Dan operates CW on the HF bands and blogs about amateur radio at KB6NU.Com. If you have a good idea for a new ham "mini class," e-mail him at cwgeek@kb6nu.com

It's Because it's a Phone

by Bill Frantz, AE6JV

Currently, in California, there are significant legal questions concerning the use of hand held amateur radio microphones by vehicle drivers. While there is a bill working its way through the legislature to correct this situation, it might be worth while considering why we have the problem in the first place.

We have many things in our vehicles which can distract a driver. There are several things in my new Subaru which cause me to take my eyes off the road, including: The climate control system, the entertainment system, and the "eye candy" monitoring system with 3 different readouts for gas mileage. We have people who drive reading the newspaper, putting on makeup, and eating hamburgers. We have unruly children. We have many things which distract the driver. Why are cell phones such a large problem that our legislature decided the solution was to ban any kind of remote communication involving the use of the hand.

Given all the other distracting things that use the hands -- changing climate settings, changing the entertainment system, keeping the hamburger from dripping on clothing, and quelling the children come to mind -- there's plenty of use of the hands by distracted drivers. But, there is no movement to ban these things. The problem must be associated with particular devices, and specifically, the most common remote communication device, the cell phone.

Consider that the telephone occupies a very special place in American culture. How many people have heard, "Quiet! I'm on the phone."? -- Subtext: my call is more important than what you are doing. How many have seen a quiet dinner interrupted to answer the telephone? -- Subtext: The telephone is permitted to interrupt us at any time. Why do marketers love to call on the telephone? Because they know that people will always try to answer quickly. Answering the phone is more important than anything else they might be doing.

Another story to illustrate this domination of our attention by the telephone: I have a friend who was sitting facing into a "T" intersection at a red light. A car came up behind him and ran into his car. A teenage girl hopped out of the driver's seat screaming, "Why didn't you move! Couldn't you see I was on an important call!" (Yes, I heard this story from him directly.)

While much fewer than 1% of drivers are as extreme as this teen, it doesn't take very many people who place the telephone as more important than driving to cause a significant accident rate. It's not because it is hard to give driving priority over communication; airplane pilots, police, fire fighters, taxi drivers, truck drivers, CBers, and hams handle the balance easily. It is because some people have been trained to treat a telephone conversation as being more important than driving.

One logical conclusion is that hands free cell phone systems won't correct this problem. Correction probably lies outside the realm of legal action. Perhaps the great increase in sales "cold calls" will cause people to reassess their attitude towards the telephone. Perhaps driver training and education programs will address safety and driver distraction in a way that teaches people how to use their cell phones safely. Perhaps some other solution will turn up.

In any case, legislatures should directly target driving behavior that shows the driver is placing other activities as being more important than driving the vehicle. Laws might encourage police to talk with people who have trouble staying in their lanes, or are not paying attention to what is happening around them.

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

Call	Name	05/24/17	05/31/17	06/07/17	06/14/17
AE7CG	Loren		NCS		
K6VVR	Pete	x	x	x	x
K7DCT	Andrew	x	x	x	x
KA5DWI	Art	NCS		x	x
KF7ANX	Frank	x	x	x	x
KF7FPD	Jerry	x	x	NCS	NCS
KF7PQV	Dan	x	x	x	
KG6AY	Art		x	x	
NØSCA	Frank		x		x
W7HAM	Ralph	x	x	x	
WA6AQK	Ken		x	x	x
WN7E	Tom	x	x		x
W7PVA	Bill		x	x	x
KF7INF	Dennis	x	x	x	
KG6IDN	Joe		x		
K6PSR	Tony	x	x		
WA6FBA	Robert		x	x	
NO1D	Doug	x		x	
KI7LXI	Sheila	x	x	x	
N6QCA	Phil		x	x	
KI7LWZ	Mike		x	x	
AG7GY	Tim	x			
KG7GLK	Neil		x		
KD7OIW	Peter		x	x	x
WB7RXK	Clyde		x		x
K9WIZ	Sandy			x	
N7RIS	Richard			x	
AC6AA	Joe			x	

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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 .

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 (W6SAK SK) Memorial Lunch**, 1100 MST to 1230 MST at **roving locations**. Contact Bob Rosevear WB7RRQ, 928-458-7830, rosevear520@cableone.net; or Bob Smith WB6ODR, 928-443-9321, 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

Officer	Name	Call Sign	Email Address
President	Kathy Laing	KJ6KMK	kj6kmk.yarc@gmail.com
Vice President	John Stevens	AB9JS	vice.president@w7yrc.org
Treasurer	Mike Reid	N7IEP	treasurer@w7yrc.org
Secretary	Sandy Mattsen	K9WIZ	secretary@w7yrc.org
Director	Art Jackson	KA5DWI	ka5dwi@w7yrc.org
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Director	Art Protas	KG6AY	kg6ay@w7yrc.org
Director	Frank Bender	K8FB	fhb47@hotmail.com
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Editor	Loren Singh	AE7CG	ae7cg@arrl.net
Webmaster	Randy Dashiell	W6TYV	webmaster@w7yrc.org

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

Name:	Call:	Lic. Class	Notes:	Telephone:
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