



Yavapai Signal

The Yavapai Amateur Radio Club – Prescott, Arizona – DM-34 – Volume 31 – No. 6 – June 2016

Upcoming Club Events: June 2016				
Event:	Date:	Time:	Place:	Contact/Info:
General Meeting	TH 06/02/16	1900 MST	PMHMS	Club Website
Fox Hunt	SUN 06/05/16	1300 MST	OneAZ Credit Union Parking Lot, GG Wy & WC Rd	Pete K6VVR or John WB9VGJ
YARC Breakfast	TH 06/16/16	0900 MST	BackBurner Restaurant, Prescott Valley	Don WB7TPH or Jeff WB7RFY
Study Program – General Class License	Fridays	1800 MST	Jeep Posse Bldg.	See club website Calendar at www.w7yrc.org
Practice License Tests – Technician Class	TU 06/07/16	1800 MST	Jeep Posse Bldg.	David W7BJ (treasurer@w7yrc.org)
License Tests	F 06/11/16	0900 MST	ERAU at Prescott Hamfest	Don WB7TPH (wb7tph@w7yrc.org)
Prescott Hamfest at ERAU	F & SAT 06/10-11/16	06/10 1200-1700 MST 06/11 0800-1700 MST	3700 Willow Creek Rd., Prescott	Frank K8FB
Field Day and Club Picnic	SAT & SUN 06/25-26/16	06/25 1100 MST to 06/26 1100 MST — Picnic 06/25 1500 MST	Jeep Posse Bldg.	Frank K8FB
Granite Mountain Hotshot Memorial Special Operating Event – N7GMH	TH 06/30/16	0800-1700 MST	Jeep Posse Bldg. -or- Home Stations	Doug KV8TD

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	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 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

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 ...
2016 Hamfest at Embry-Riddle Aeronautical University (ERAU)
 by Frank Bender, K8FB

It's almost here – June 10 and 11. We need your participation to make this local hamfest an overwhelming success. Please volunteer to help the event go smoothly. At minimum, come out and enjoy the event.

When we began discussing the possibility of a hamfest late last year, my hope was that we would garner enough enthusiasm to hold a half day hamfest, like many of the ones that are held in the Phoenix area throughout the cooler weather down south. At the time, I didn't imagine that this event would end up being a two day affair with twenty plus seminars.

This well planned event is happening due to the tremendous leadership of Chuck Zappala KE7SA and Bill Noe W7PVA. They have persevered through many challenges and headaches to get to this point. YARC is also fortunate to have been able to partner with ERAU, the Eagle Amateur Radio Club at ERAU, ARCA, and the ARRL to put on this hamfest.

Also providing invaluable planning support have been Clayton Jacobs KJ6QJS, Forrest Murdoch WH6EAL, Art Jackson KA5DWI, Dixie Zappala N7OYY, Jeff Hanna WB7RFY, and Don Bauer WB7TPH. There are many more club members who continue to work to make this event a success.

Come out and enjoy the fellowship of Arizona hams, the swap fest, the multitude of seminars - with a good number of awesome seminars targeted for the non-ham. You can find the hamfest flyer and hamfest seminar schedule on our web site (www.w7yrc.org) under the menu, "Prescott Hamfest at ERAU".

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

YARC 2M SSB Net Frequency Change
 by Tom Griswold, WN7E

Because of a noise problem on 144.220 MHz (USB), the YARC 2M SSB net frequency has been changed to **144.250 MHz (USB)**. The net continues to meet on Wednesday nights at 2000 MST.



David W7BJ

TREASURER'S REPORT		General	Repeater
April 2016		Fund	Fund
CASH – March 31, 2016		\$7,253.60	\$2,219.32
	Dues	\$283.00	\$31.50
	Donations	\$30.00	\$20.00
	50/50 Raffle	\$77.50	
	Misc. < \$50	\$8.98	\$0.06
	TOTAL INCOME	\$399.98	\$51.56
	Website Fee	\$83.40	
	Campsite Refund	-\$140.00	
	Power Supplies / Arrestors	\$130.00	
	Misc. < \$50	\$53.25	
	TOTAL EXPENSES	\$126.65	\$0.00
CASH – April 30, 2016		\$7,526.93	\$2,270.88
** Detailed statements are posted on www.w7yrc.org			

Minutes of the April 28, 2016 Board of Director's Meeting

Present at Meeting: Chuck- KE7SA, Bill - W7PVA, Kathy- KJ6KMK, Randy – W6TYV, Dave - W7BJ and Frank - K8FB

Absent: Don – WB7PTH and John – N9JYO

Meeting called to Order by K8FB at: 1800 hours

Old Business:

Treasurer's Report and Meeting Minutes: March 2016 Treasurer's report has been published in the March Signal (cash balances general fund \$7,253.60, repeater \$2,219.32). April Board and Member meeting minutes have been published in the April Signal. → Minutes and Treasurer's Report approved by the Board.

Upcoming Programs:

- May – Transmitter Hunt presentation by Pete Morrison N6VVR and John Broughton WB9VGJ
- June – “Journey to the Edge: VP8 DXpedition to South Sandwich and South Georgia Islands” by Ned Stearns AA7A.
- July – SIG Breakouts
- August – “Fun with CW” by Loren Singh, AE7CG
- Sept. – SDR presentation by Doug Theriault, NO1D
- October – Program Open
- November – Lloyd Halgunseth Memorial Month (2016 Public Service Award) and Officer and Board Elections (President, Treasurer, and all Board Members) – No time for Program?
- December – Appreciation Awards – Program Open (Possibly SIG breakouts)

NPOTA – April 25 at Toozigot National Monument – report by Don WB7TPH – not available

Prescott Hamfest at ERAU:

- Update from Chuck KE7SA and Bill W7PVA
- o One food truck has been obtained with another one possible.
- o Major prizes have been ordered
- o 27 sessions planned with YL session planned by Dixie.
- o 4-5 commercial vendors have accepted

2017 YARC Party:

– The Centennial Center has been reserved for January 21, 2017, 1100-1500 MST. Nothing else required until we get closer to the end of the year.

Webmaster Password:

- Have the w7yrc.org domain ID and password been provided to the club Secretary?
- o Randy provided the passwords to the Secretary who will maintain them in the files.

New Business:

Member Suggestions:

- None submitted at the April member meeting
- One member passed along concern from new member that the club meetings are “cliquish”. Members reportedly are not as welcoming as could be.
- o Various ideas were discussed. Will try providing raffle tickets to new members to present to any member who introduces themselves and welcomes the new member.

440 MHz Repeater Pending Improvements:

- Bud Semon N7CW has offered to host the YARC 440 MHz repeater in the ARES/RACES repeater building on Mt. Union at no cost to YARC. Site survey is pending. Currently set for May 4, 2016 .
- The location is slightly higher in elevation than the current location
- A memorandum of agreement (MOA) is being drafted (to be reviewed and approved by the Board)
- 100 watt amplifier mods have been completed by Doug NO1D

- Astron RM-60M rack mount 60 Amp supply purchased from NS2K estate sale
- Polyphaser lightning arrestors and copper bus bar also purchased at the NS2K estate sale
- John K7PRS has donated 3 440 MHz mast mounted dipoles. Need one more plus harness to phase couple the antennas.
- Doug NO1D has donated a hot switch (switch to battery back up), recommended by N7CW.

Club Station – ARRL Rookie Roundup:

- The Rookie Roundup is conducted several times a year on a Saturday. It is open to hams who have been licensed less than three years. The next operating event is in August. Bud N7CW and Frank K8FB are planning to open up the club station to these new hams to get exposure to HF and improve their operating skills.
- Additional update on Jeep Posse building safety upgrades. On May 4, 2016, Jerry from Jeep Posse will be providing material for the handrail and strips on the steps will be put in with help from YARC members.

Consignment Sales:

- Zero commission sales again being offered to ARES/RACES and also to the PMHMS Radio Club at the Prescott Hamfest at ERAU and at the Williams Hamfest. The board approved.

HotShots Memorial Operating Event:

- Doug KV8TD has reported that he has submitted June 30 as the Special Operating event for N7GMH to QST magazine. The Jeep Posse building is reserved.

Minutes in Signal:

- Signal Editor has mentioned that the board and general meeting minutes have been quite lengthy and are taking up a large portion of the Signal newsletter.
- Board decided not to make any changes at this time because the Bylaws would need to be revised if a change was made.

Adjournment: K8FB adjourned the meeting at 1835 MST.

Yavapai Amateur Radio Club, General Meeting

Date: May 5, 2016

Minutes

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Call to Order at: 1900 MST.

Pledge of Allegiance: Led by Frank, W8FB

Welcome visitors: Ted Bishop, Robert Persel (?)

Welcomed back Joe Oliver & Creighton Grotbeck

Whiskey Off Road Bike Event – Thank you to KD7VBG, Jan Halgunseth, and all volunteers

Presentation: On behalf of the Elmer Group, VP John N9JYO presented Frank k8FB with a gavel which had been made by Larry KG7TTD for Frank, for his support of the Elmer Group, and for future club presidents.

Meeting Minutes and Treasurer Report: Motion to approve the April 2016 minutes and March 2016 Treasurer's report as published in the May 2016 Signal.

- Motion to accept made by Don – WB7TPH and seconded by Pete, K6VVR. Motion passed by members.

New Members – Jim Shryne - N6DHz, Charlie Sullivan – KG7YVQ, Dianne Sullivan – KG7YVP , Ted Bishop (no call yet), Robert Reister – WA6FBA, Pete Quinn – KG7VQS, Stephanie Lambert – KG7VQP

Motion to accept the new members was made by Mike, W1DGL and seconded by Terry, W7BAM, and was approved by acclamation. Beginning in June, the club will give each new member a raffle ticket. Existing members who introduce themselves to the new members will also be given a raffle ticket.

Program – Transmitter Hunting (T-Hunting) presentation by Pete Morrison K6VVR. The interactive display was unable to open Pete's PowerPoint file correctly, so Pete had to give the presentation without his slides and photos.

Break: 1950 to 2010 MST

50/50 Raffle: \$72.50 awarded to winning ticket 1013802 held by Mark Brown KG7YWC.
Bill Burkett KE7IXS donated a \$50 Applebees' gift card to the club. It was sold at auction for \$45 to Mark Brown KG7YWC.

Committee reports:

YARC Event Communications, Patti KD7VBG
Hamfest – Bill W7PVA, Chuck KE7SA
Club Repeater, Pete K6VVR – Report by Frank K8FB - MOA to be signed with ARES/RACES for move to their building with no cost to YARC.
Fox Hunt, Pete K6VVR, John WB9VGJ – no report given
Elmer Group, Jim N6KZ – 10 site surveys completed
VE, Don WB7TPH - Next VE session May 14 – Tech License practice; exam May 10, 2016. Will be a VE session at Hamfest on June 11, 2016.
Webmaster – Randy W6TYV – absent, no report
Field Day Picnic – Jo KF7WOT – June 25 th picnic tickets on sale. \$3 price good through June 18, 2016.

Old Business:

National Parks on the Air - Report: Don Bauer WB7TPH: Bands were poor only 2 contacts made. Weather was very windy, rainy and some snow in mountains. Great fun was had by all. Will try again in the Fall.

Equipment Donations – Bring any equipment donations to the club meetings or contact Frank Bender K8FB. Donations will be sold at the consignment booth at the Prescott Hamfest at ERAU in June. Members can also have their items sold at the consignment booth. Consignment forms can be downloaded from the Prescott Hamfest at ERAU page at the club website.

YCJP Open House – The Jeep Posse is holding an open house on the grounds of the Jeep Posse building on Saturday, June 4 from 0900 until 1600 MST. YARC will be having a booth there. A couple of volunteers are requested to help demonstrate communications via handi-talkies for kids.

Work detail to help install hand rails at Jeep Posse building on Monday, May 9, 2016. Jeep Posse will supply equipment and tools – YARC to supply labor.

New Business:

7th Call Area QSO Party – Saturday May 7 from 0600 until 0000 MST. More info at www.7qp.org .
Yarnell Fire District Memorial Run – June 4. Doug Jarmouth NØDAJ is looking for volunteers for around an hour and a half. Contact Doug at n0daj1950@gmail.com . Doug KV7TD suggests Doug NØDAJ use the N7GMH call for this event.

Granite Mountain Hotshot Memorial Operating Event – June 30, 2016 at the Jeep Posse Building– 0800 to 1700 MST – Contact Doug Freeman KV8TD. Contact Doug if want to operate from home QTH. Call to be used will be N7GMH — Adjourn: 2040 MST.

447.650 MHz Repeater Improvements

The repeater committee, Pete Morrison K6VVR, Doug Theriault NO1D, and John Laing K7PRS are planning to make improvements in the next month or so to the 447.650 MHz repeater on Mt. Union. A major change will be to move the repeater and antenna from the existing location on Mt. Union to the ARES/RACES building. Bud Semon N7CW is offering the space in the building at no cost to YARC.

The height of the antenna should be a bit higher than the current location. When the move is made, the repeater committee will also install a 100 watt Motorola amplifier (probably run at 80 watts), and install an isolator and filter. At some point this summer, the plan is to install a 4 bay dipole array that will have 9 dB of gain, versus the 6 dB gain of our current Hustler antenna.

Jeep Posse Building Improvements

On Monday, June 9, 2016, a set of handrails for the steps from the parking lot were installed. In addition, a no-parking sign was installed at the parking space in front of the steps and the steps were stripped with a yellow fluorescent paint. These additions will improve the safety of using the steps from the parking lot to the lower level.

Equipment Donations

The club is looking for donations of equipment to sell at the Prescott Hamfest at ERAU in June and also at the Williams Hamfest in July. Proceeds benefit the club. Please bring your equipment donations to the club meetings or contact Frank Bender K8FB at president@w7yrc.org. The club will also be selling equipment on consignment at these hamfests. You can download the consignment form from the club website at www.w7yrc.org/prescott-hamfest. Again, if interested contact Frank K8FB.



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

Yarnell Fire District Memorial Run — Saturday, June 4, 2016

The Yarnell Fire District Memorial Run, 5K, 10K, 19K will take place Saturday, June 4, 2016. This event honors the 19 Prescott fire fighters who lost their lives fighting the Yarnell Hill Fire on June 30, 2013.

Run details can be found at

<http://yarnellmemorialrun.com/>.

Operators are needed from 0630 MST until approximately 1000 MST (approximately 3.5 hours). Because of expansion of the races this year, 15 operators are needed.

Contact: Doug Jarmuth, NØDAJ

[928.685.3328](tel:928.685.3328) (H)

[928.231.2616](tel:928.231.2616) (C)

n0daj1950@gmail.com

Granite Mountain Hotshot Memorial Special Operating Event — N7GMH

The club station on Commerce Drive will be used to participate in the N7GMH special event operation on the 3d anniversary of the death of the 19 Granite Mountain Hotshots on June 30, 2016. The event will run from 0800 MST to 1700 MST on June 30. Or make special arrangements with Doug Freeman KV8TD to operate N7GMH from your home station.

Quiet! EXAM IN PROGRESS



License Testing by Don Bauer, WB7TPH

Our next test session is Saturday, June 11, 2016.

The May 14 test session had 16 candidates taking 18 total tests. The results continue to be very encouraging for amateur radio as recent technicians are upgrading very soon after earning their initial license. Results of this session are: 8 new technician licenses, 5 general licenses and 4 Extra class licenses. Unfortunately we also had one technician failure who promised to return and try again.

The June test will not be at the Posse Building, but at Embry-Riddle Aeronautical University (ERAU) during the Prescott Hamfest. Following that, we have a regularly scheduled test session on July 9th. And Jim Scherfling has a session May 24th in Prescott Valley, so you have no excuses for not getting that first ticket or upgrade.

For those who cannot make our Saturday tests, Jim Scherfling is offering periodic testing on Tuesday evenings. See the schedule below for his and our schedules in the next few months.

Upcoming License Testing

Date	City	Location	Time	Sponsor	Contact	Walk-in
05/24/16	Prescott Valley	Trinity Lutheran Church, 3950 N. Valorie Dr.	1830 MST	PV Ham Club	Jim Scherfling 928-632-2050	Yes
06/11/16	Prescott	ERAU @ Prescott Hamfest	0900 MST	YARC	Don Bauer 928-775-4690	Yes
07/09/16	Prescott	Jeep Posse Building	0900 MST	YARC	Don Bauer 928-775-4690	Yes

"Hacking When It Counts: POW Canteen Radios" by Dan Maloney

Full article with illustrations and schematic diagram:

<http://hackaday.com/2016/04/21/hacking-when-it-counts-pow-canteen-radios/>

Thanks to Rob Redford KG7LMI for pointing us to this interesting and informative article.



New Members

The following new YARC members were voted in at the May meeting. Please introduce yourself to them and make them feel welcome:

- Jim Shryne N6DHZ
- Charlie Sullivan KG7YVQ
- Dianne Sullivan KG7YVP
- Pete Quinn KG7VQS
- Stephanie Lambert KG7VQP
- Ted Bishop (no call), and
- Robert Reister WA6FRA

Beginning with the June general meeting, new members will be given raffle tickets. One will be given by the new member to anyone who comes up to introduce themselves to the new member.

General Meeting Programs

May Program

Pete Morrison K6VVR presented an overview of the club's monthly T-Hunt (Transmitter Hunt) activities with highlights from the past 10 years. Pete did a great job with his presentation despite being unable to open his PowerPoint presentation, as well as display his collection of T-Hunt photos.

June Program

"Journey to the Edge – the VP8 DXpedition" - Ned Stearns AA7A, a member of the VP8 DXpedition is coming up from the Valley to present an informative presentation of the challenging DXpedition this past winter to South Sandwich and South Georgia Islands, very close to Antarctica.

Tentative Future Programs

- July: SIG Breakouts SIG Moderators
- August: "Fun of CW," Loren Singh AE7CG
- September "Software Defined Radio (SDR)," Doug Theriault NO1D
- October: Open
- November: WA6ZZJ Memorial Month – Public Service Award and Club Elections
- December Club Appreciations and SIG Breakouts SIG Moderators



Prescott Hamfest at Embry-Riddle Aeronautical University (ERAU)

The Prescott Hamfest at ERAU will be held on Friday afternoon, June 10 and all day Saturday, June 11, 2016 on the campus of the Embry-Riddle Aeronautical University. Planned activities include tailgating, YARC consignment sales, commercial vendors, test bench to check out potential purchases, transmitter-hunt, DXCC card checking, VE sessions, seminars, ARES/RACES MARC vehicle display and table, tour of the Eagle Amateur Radio Club at ERAU, ARRL Booth, and prize drawings.

The hamfest is being co-sponsored by the Eagle Amateur Radio Club at ERAU and YARC. The Eagle ARC effort is being led by Forrest Murdoch WH6EAL and Clayton Jacobs KJ6QJS. The hamfest is also an ARRL sanctioned and an Amateur Radio Council of Arizona (ARCA) sponsored event. ARCA is distributing our hamfest flyer to clubs and hamfests and also provides us with liability insurance and the use of hamfest related equipment such as tables and a golf cart.

There are 20+ seminars scheduled. Select "Prescott Hamfest at ERAU" from the club's website menu and then select seminars for a listing of the scheduled seminars.

Unfortunately, we recently discovered that ERAU will not permit overnight RV camping by hamfest attendees. Also, ERAU does not permit pets on their campus.

The YARC hamfest committee is co-chaired by Chuck Zappala KE7SA and Bill Noe W7PVA. The rest of the YARC hamfest committee includes Ron Nelson KCØTGG, Art Jackson KA5DWI, Don Bauer, WB7TPH, Forrest Murdoch WH6EAL, Clayton Jacobs KJ6QJS, and Frank Bender K8FB.

Anyone wishing to assist with the hamfest please contact Bill W7PVA (w7pva@arrl.net) or Chuck KE7SA (czappala@cableone.net). Hamfest flyers are now available and are being distributed. For further information, a copy of the flyer, and to continue to check for updates, go to www.w7yrc.org/prescott-hamfest. This will be a great event for our club and the local and Arizona ham community.

2016 Field Day and YARC Picnic

The 2016 YARC Field Day operation will run from 1100 MST on Saturday, June 25 through 1100 MST on Sunday, June 26 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 be preparing barbequed beef tri-tips. Meal cost will be \$3 through June 18 and \$5 after that and on the day of the picnic. 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.

A Get on the Air (GOTA) station will also 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.

This event is open to the public. Talk-in will be on the YARC repeater – 146.880 (-) MHz, 100 Hz tone. Frank Bender K8FB (president@w7yrc.org) is the acting Field Day chair for this year.

May 2016 Foxhunt
by Jeff Hanna, WB7RFY

Due to a request from the Embry-Riddle members who were the successful hunters in April, Jeff, WB7RFY became the fox for May. The main transmitter was concealed in tall bushes in front of the old theater on Marina St. Several downtown events assured that the area would be busy. The secondary was magnetically attached to the base of a parking sign in a lot just up the block.

The cloudy weather and seemingly not so sinister weather forecast may have caused some to miss, but one intrepid hunter was hardly enough to proceed. Robert, WA6FBA departed the start at 1300 MST, and was within feet of the main transmitter at 1417 MST; but an overloaded receiver didn't allow him to pinpoint the location for another 20 minutes. The Fox remains with the Eagle Radio Club at ERAU for the June hunt.

Photos can be seen at

<http://tinyurl.com/YARCFoxhuntMay2016> .

We had our usual after hunt socializing session at the Prescott Junction Restaurant. We would encourage all to get involved in the hidden transmitter hunts. They are really fun and help develop direction-finding and radio skills.

YARC Volunteer Opportunities

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

Opportunity	Description
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.
Hamfest Volunteers	The Prescott Hamfest at ERAU is scheduled for June 10 and June 11, 2016. We are looking for volunteers to help out with the hamfest. Some of the roles needed to be filled are 1) gate tenders; 2) call in operators; 3) parking directors; 4) manning the YARC club booth; 5) manning the YARC consignment tailgate booth; 6) hamfest set up and tear down; and 7) hamfest guides. Contact hamfest co-chairs Bill W7PVA (w7pva@arrl.net) or Chuck KE7SA (czappala@cableone.net).
Special Interest Group (SIG) Moderators	The Raspberry Pi/ Arduino and Software Defined Radio (SDR) SIGs are in need of moderators.
Buddy Mentors	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.





Advice for a VHF Rover
by Bill Frantz, AE6JV

I've been a wild rover for only one year
I've spent all my money on radio gear
And now I'm returning with Qs and great score
And I certainly will play the wild rover some more.

I played rover in the ARRL January VHF contest this year. It was my first experience as a rover, and I learned a few things that may help others who are starting to rove. Since the rule change that permitted contest contacts on the 2 meter national calling frequency, most contacts seemed to occur there and on the other national calling frequencies. So program your radio for them in all the modes you will be using. Doing so will help you have your radio set up correctly when you change bands or modes. Let me tell you, it's embarrassing to be using FM on the SSB calling frequency. If you are using computer logging, connect your radio to your logging computer to help get the band & mode correctly entered in your log. I used a separate log for each grid square, but there may be logging programs with better support for VHF contest roving than RUMlogNG.

Paper logging is also a viable technique. When I used a paper log I had many people tell me that I had already worked them. For paper, I need a better dup checking system.

While you are driving, monitor 146.520 MHz, the national 2 meter FM calling frequency. Stations will pop up when you are between operating positions. Stop and work them, or have your partner work them.

Get an app for your smart phone that will show you your current grid square. I use one called Maidenhead on my iPhone and it works quite well. With one of these apps, there will be no mistake about where you are.

VHF contests are very relaxed and informal. The contestants sometimes even stop and do some rag chewing. I've invited people to our meetings while operating the contest, and others have offered advice about where to tune to get some more contacts. It is almost like the goal is to maximize the total score of everyone entering the contest.

Even if you "only" have a HT, you can have fun. The Single Operator, FM Only entry category is set up just for you. You can either operate as a fixed station from home, or go out as a rover and enjoy the views from the bay area's high places. But in the end, the object is to have fun.

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 0900 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 the **Canton Dragon** Restaurant, 377 N. Montezuma in Prescott. The restaurant is near the Manzanita Outfitters.

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”

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I'm EXTRA Ignorant
by Dan Romanchik, KB6NU

On Sunday, I received the following e-mail from a reader:
"Just wanted to let you know I passed the General exam using your study guide. It was very helpful. am now generally ignorant whereas before I was only technically ignorant. Ha!"

My reply to him was:
"Well, if you're generally ignorant, I guess that makes me EXTRA ignorant!"

This isn't just a joke--being ignorant is part of the hobby. Amateur radio operators will always be ignorant about something or other. Even if you could master every facet of the hobby at some point in time, your mastery would be short-lived as the technology continued to advance.

Over the course of my amateur radio career, we've gone from equipment that primarily used vacuum tubes, to solid-state gear that first used discrete transistors and then integrated circuits, to software-defined radios. I could have, at some point, simply given up on the new technology and still enjoyed amateur radio. Some guys do that, and that's OK. It is only a hobby after all.

I'm not one of those guys, though, and if you're not one of those guys, then you have to resign yourself to being ignorant. But, that's a good thing, as long as you realize that you're ignorant. Realizing that you're ignorant will spur you on to learn new things and accept new challenges.

Recently, I realized that I'm mostly ignorant about satellite operation. I know some of the basics from having read articles and writing about the topic in my study guides, but I have never made a contact using a satellite. I think that might be one of my next challenges. With the advent of CubeSat, there are many new satellites up in the air and many more opportunities to have interesting contacts.

So, what are you ignorant about? By that I mean, of course, what's going to be your next challenge in amateur radio?

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When he's not challenging himself with new things, Dan falls back on something he knows pretty well--operating CW. You'll find him mainly on the 80m, 40m, and 30m bands. Dan is the author of the "No Nonsense" amateur radio license study guides, and blogs about amateur radio at KB6NU.Com, and you can contact him by e-mailing cwgeek@kb6nu.com.



W7YRC 2M FM Net — 147.260 MHz, PL +103.5 Hz — Wed., 1900 MST — N.C., AE7CG, Loren

Call	Name	04/27/16	05/04/16	05/11/16	05/18/16
K6VVR	Pete	x	x	x	x
K7CJW	Bob	x		x	
K7DCT	Andrew	x		x	
KA5DWI	Art		x		x
KF7ANX	Frank		x	x	x
KF7FPD	Jerry	x	x		x
KF7PQV	Dan	x	x		x
KG6AY	Art	x		x	
KG7EWD	Patrick				x
KJ7WED	Bob				x
W7HAM	Ralph	x	x	x	x
WA6AQK	Ken	x	x	x	x
WN7E	Tom	x	x	x	x
KI6AHH	Tony			x	x
N6QCA	Phil		x		
KG6IDN	Joe		x	x	
AD7NQ	Dale				x
WB7RXK	Clyde		x		
W7PVA	Bill				x
W4LTX	Rudgyard				x

Yavapai Amateur Radio Club — W7YRC Club Station Access List — Effective March 31, 2016

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
D. Hanson	W7BJ	E	Dual Member	602-615-3444
R. Mauldin	N7NGM	E	Rotating Member	216-2637
M. Belanger	W1DGL	G	Rotating Member	420-0498
R. Redford	KG7LMI	G	Rotating Member	227-1586
A. Jackson	KI6AHH	G	Rotating Member	562-644-0528

Club Officers, 2016

Officer	Name	Call Sign	Email Address
President	Frank Bender	K8FB	president@w7yrc.org
Vice President	John Stevens	N9JYO	vice.president@w7yrc.org
Treasurer	David Hanson	W7BJ	treasurer@w7yrc.org
Secretary	Kathy Laing	KJ6KMK	secretary@w7yrc.org
Director	Donald Bauer	WB7TPH	wb7tph@w7yrc.org
Director	Randy Dashiell	W6TYV	webmaster@w7yrc.org
Director	Bill Noe	W7PVA	w7pva@w7yrc.org
Director	Chuck Zappala	KE7SA	ke7sa@w7yrc.org
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Webmaster	Randy Dashiell	W6TYV	webmaster@w7yrc.org

