



Yavapai Signal

The Yavapai Amateur Radio Club – Prescott, Arizona – DM-34 – Volume 30 – No. 8 – August 2016

Upcoming Club Events: August 2016				
Event:	Date:	Time:	Place:	Contact/Info:
General Meeting	TH 08/04/16	1900 MST	PMHMS	Club Website
Technician Class License Study Session	SAT 08/06/16	0900-1600 MST	Jeep Posse Bldg.	Brian KG7TSY bvlastelich@aol.com
Fox Hunt	SUN 08/07/16	1300 MST	OneAZ Credit Union Parking Lot, GG Wy & WC Rd	Pete K6VVR or John WB9VGJ
Technician Class License Study Session	SAT 08/13/16	0900-1600 MST	Jeep Posse Bldg.	Brian KG7TSY bvlastelich@aol.com
YARC Breakfast	TH 08/18/16	0800 MST	BackBurner Restaurant, Prescott Valley	Don WB7TPH or Jeff WB7RFY
North American SSB QSO Party	SAT 08/20/16	1100-1400 MST	Jeep Posse Bldg.	Jim N6KZ or Bud N7CW
VE License Tests	SAT 08/27/16	0900 MST	Jeep Posse Bldg.	Don WB7TPH wb7tph@w7yrc.org



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 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.

Club Mentors ("Elmers")

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

ask.elmer@w7yrc.org



**From the President's Desk ...
What It Takes
by Frank Bender, K8FB**

Our club has had a lot going on recently and has attracted a good number of new members lately, largely due to a special membership offer made during the Prescott Hamfest at ERAU (thanks to David Hanson W7BJ for suggesting it). June has been the busiest month of this year for us, with the Prescott Hamfest at ERAU and consignment sales, ARRL Field Day and club picnic, and the 3d Annual Granite Mountain Hotshot Memorial Operating Event. We also had the successful club station open house/ ice cream social on July 15.

All of these events and other club events throughout the year only occur because a lot of people (i.e., you) volunteer to assist with planning and conducting these events. It is difficult to single out and thank all of you who volunteer to keep the club humming along. My and the Board's thanks go to all of you who help out with the club in so many ways. We will continue to be as active as those members who step up to help with all of our tasks and events.

We are always looking for more people to step up and help in a variety of ways. Particularly if you are new member, whether a new ham or old timer, a great way to feel more a part of the club is to get involved in any number of club activities. A good way to find out what is going on is to go to the club website, www.w7yrc.org. You should periodically look at "Announcements" on the home page of the website. Also, from the website menu, check out "Events" or select the "Calendar" and look for upcoming activities. Each month, in the Signal newsletter sent out to each member, there is a column titled "Upcoming Club Events", which provides a summary of upcoming club activities.

Another way to get involved is to suggest and initiate new activities. Our board is very supportive of new events and we can often provide resources to help make them happen. For a list of YARC Officers and Board members, as well as their email information, go to the club website and from the menu select "Contact Us" and then select "Officers and Board Members". YARC is more than our members. It is also our activities. We need all of you to get involved in some way to sustain and grow the club.

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



David W7BJ

	TREASURER'S REPORT	General	Repeater	Prescott Hamfest
	May 2016	Fund	Fund	Fund
	CASH – April 30, 2016	\$7,526.93	\$2,270.88	\$0.00
	Dues	\$198.00	\$22.00	
	Donations	\$175.00		
	Field Day Picnic	\$90.00		
	50/50 Raffle	\$72.50		
	Misc. < \$50	\$42.12	\$0.06	
	TOTAL INCOME	\$577.62	\$22.06	\$0.00
	Antenna Parts		\$85.00	
	Hamfest Supplies	\$114.36		\$84.66
	2 Canopies	\$129.40		
	Misc. < \$50	\$54.75		
	TOTAL EXPENSES	\$298.51	\$85.00	\$84.66
	CASH – May 31, 2016	\$7,806.04	\$2,207.94	-\$84.66
** Detailed statements are posted on www.w7yrc.org				

	TREASURER'S REPORT	General	Repeater	Prescott Hamfest
	June 2016	Fund	Fund	Fund
	CASH – May 31, 2016	\$7,806.04	\$2,207.94	-\$84.66
	Dues	\$747.00	\$83.00	
	Donations	\$20.00	\$57.00	
	Field Day Picnic	\$178.00		
	Tailgate Sales	\$4,744.71		
	PHF Gate			\$2,125.00
	PHF Drawing Tickets - net			\$941.50
	50/50 Raffle	\$51.50		
	Misc. < \$50	-\$5.84	\$0.05	
	TOTAL INCOME	\$5,735.37	\$140.05	\$3,066.50
	Tailgate Consignment Payouts	\$2,462.78		
	FD GOTA Pins	\$90.00		
	FD Picnic	\$516.00		
	FD Space Use Donation	\$150.00		
	Donation Shared (Rec'd in May)	\$87.50		
	440 Repeater Antenna		\$90.00	
	PHF Prizes, Tickets, Wristbands			\$951.53
	PHF Port-a-Johns			\$412.00
	PHF ARCA Share			\$158.79
	PHF ERAU Share			\$714.56
	Misc. < \$50	\$31.76		\$30.41
	TOTAL EXPENSES	\$3,338.04	\$90.00	\$2,267.29
	CASH – June 30, 2016	\$10,203.37	\$2,257.99	\$714.55
** Detailed statements are posted on www.w7yrc.org				



Art KG6AY and Jim N6KZ

2016 Field Day and YARC Picnic were a Great Success

We had a great Field Day and club picnic on June 25 and 26. With visitors, operators, and picnickers, there were approximately 99 attendees. The beef tri-tip barbecue prepared by Terry Schultheiss KG7BAM was awesome and drew a lot of positive comments. Thanks to Terry and Jo (KF7WOT) for all the hard work in making the picnic a great success. Thanks to Jim Zimmerman N6KZ for being the Get On The Air (GOTA) captain. Also thanks to Art Protas KG6AY for being one of the HF captains. Jim and Art spent a lot of time installing their stations and antennas. Conditions were not so good for Field Day this year. Here is a link to the pictures, most of which were taken by Art Protas KG6AY:

<https://www.dropbox.com/sh/utr9096opwaq8xx/AAC3afm6u6fmrqeYMcWQkKHka?dl=0> . 2016 Field Day results have been submitted to the ARRL. There were 369 QSOs and 2,248 points (unofficial).

Club Station Update

In June the club received the donation of a Kenwood TS-570D HF transceiver. The donation was made in memory of David Moll K6MOL (SK) by his wife, Sandy Moll. This radio has been installed at the club station and was used during Field Day. The TS-570D is a great addition as it interfaces directly with the Signalink USB and also provides band, mode, and frequency information to our N3FJP Amateur Contact Log program. We have also installed a CW crystal filter (500 Hz) in the TS-570D.

Additionally, Mike Belanger W1DGL has installed software to allow us to transmit and receive Slow Scan TV (SSTV) using the Signalink USB and TS-570D. Mike has also loaded some pictures to the computer Picture folder to be sent using SSTV.

Our next scheduled station activity is participation in the North American SSB QSO Party from 1100 MST to at least 1400 MST on Saturday, August 20. This event is targeted for you--if you are a new or HF inexperienced ham who would like to try making quick contacts with other stations. This event is hosted by Bud Semon N7CW, Jim Zimmerman N6KZ, and Frank Bender K8FB.



Vince KF7OTB

2016 Granite Mountain Hotshots Memorial Operating Event

Doug Freeman KV8TD led the special operating event honoring the 19 fallen Prescott fire fighters on June 30. Special Event station N7GMH was operated from the club station and also at several home stations. Several hundred contacts were made. Go to the club website Menu, select "Events" and then select "Granite Mountain Hotshots (N7GMH)" to see some pictures of the operation at the club station.

Participants included:

Doug Freeman KV8TD	Vince Carr KF7OTB	Dean Sheeley W7DWS	Tom Ivan KF7GC
Don Bauer WB7TPH	Art Protas KG6AY	Tony Jackson KI6AHH	Bill Noe W7PVA
Kathy Laing KJ6KMK	Bob Sitterley K7POF	John Laing K7PRS	



Bob K7POF Operating as N7GMH/7

N7GMH/7 Granite Mountain Hotshots Memorial Operating Event, June 30, 2016

Bob K7POF operated his home station in Chino Valley as N7GMH/7 to commemorate the third anniversary of the Granite Mountain Hotshots sacrificing their lives to fight the Yarnell Hill Fire. During a period of four hours, Bob was able to work 105 stations. Doing the math, that amounts to an average of 26¼ contacts per hour. Great job, Bob!



New Members

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

Joseph Aragon (no call)	Paul Dounn K7PJD	Michael Malone KG7OIL	Steven Stock WAØA	John Wurtz KE7SBI	Eddy Golden N4ABN
Phillip ("Zip") Burrington W7ZIP	Thomas Holm (no call)	Len ("Sandy") Mattsen (no call)	Raymond Stone K6CMU	Ricky Beswick KE7PIX	Vern Keleher KI7ENV
Eldon Coats KF7OER	Vincent Horek KF7FVU	Steven Murray KF6OLN	Mark Timpany WA9MJG	Don Braun KB6BOB	Gary Mazey KB7TRC
David Curtis W7DDC	Tomy Ivan KF7GC	Michael Orr (no call)	Allen Tury WD6ETH	Tracy Braun KB6BAB	Ronald Purcell (no call)
Sam Dority KB6RKJ	Steve LaVigne (no call)	Mike Slawinski W6UND	Craig Winget KE7TDQ	Chuck Emer N2THD	Michael Reid N7IEP

447.650 MHz Repeater Improvements Status Update

The repeater committee made another trip to the existing Mt. Union site on July 15 and replaced the Hustler G6 antenna with the Scala OG-6 dipole array. The intent of the swap is to see what change in performance results, prior to moving the repeater and antenna to the ARES/RACES site in the near future. In some areas, there seemed to be little difference in signal strength. However, a stronger signal has been received and receiver sensitivity seems to be greater for at least one Prescott area closer to the Bradshaw Mountains. The duplexer was also swapped out to eliminate the receiver de-sensing issue that had arisen, that for some users, was making the repeater unusable.

The committee has also installed some repeater equipment in the ARES/RACES shed in preparation for the repeater move in the near future. We still anticipate that we will make the move sometime this summer. The end result should be improved repeater coverage on both the transmit and receive ends. Thanks to committee member Doug Theriault NO1D for all of the repeater and antenna preparation work. Thanks also to Art Protas KG6AY, John Laing K7PRS, Bud Semon N7CW, and Rob Redford KG7LMI for their assistance with the antenna installation plus installation of some equipment in the ARES/RACES shed on Mt. Union, in preparation for the final move.

Let Doug (no1d.doug@gmail.com) know of any comments regarding how the 447.650 MHz repeater seems to be currently working. Can you notice any difference on transmitting or receiving? Doug will also be presenting an overview of the work done to improve the 447.650 repeater in our September club meeting program.

Under the Weather

Paul Dounn K7PJD, a new YARC member, was involved in a single vehicle motorcycle accident in early June. While it was initially feared that Paul's injuries were serious, it turned out that his injuries were minor in nature. Thankfully, Paul is now pretty much back to normal.

License Testing
by Don Bauer, WB7TPH

Our next test session is Saturday, August 27, 2016.

On July 9, our test session found 7 candidates wanting to get licenses or upgrades. When all was said and done, we have 4 new Technician class licensees (including Jim N6KZ's eleven year old grandson), 2 Generals (one who was expired and took advantage of the opportunity to get re-licensed) and one new Extra (who passed his General at the Prescott hamfest). Congratulations to all for a very successful test session.

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. And—not listed in the table below—testing will also be held at the Williams hamfest on July 23, 2016.

Upcoming License Testing

Date	City	Location	Time	Sponsor	Contact	Walk-in
08/23/16	Prescott Valley	Trinity Lutheran Church, 3950 N. Valorie Dr.	1830 MST	Prescott Valley Ham Club	Jim Scherfling 928-632-205	Yes
08/27/16	Prescott	Jeep Posse Building	0900 MST	YARC	Don Bauer 928-775-4690	Yes
10/08/16	Prescott	Jeep Posse Building	0900 MST	YARC	Don Bauer 928-775-4690	Yes

Testimonial
by Jean Matsuura

"Hello Don [WB7TPH], How are you?" I really appreciated the opportunity to meet you and for taking my exam at your location. Also, I really want to thank you for getting me into the system so quickly! Plus, the excellent instructions on how to print up the licenses. The whole experience was exceptional and I want to let you know from the moment I stepped into the testing site, the nice lady who greeted me, I will never forget her.

I really want to commend you and your team, and how really special you all are. You are doing such an important job in life, and making the world a better place for humanity overall. From the very beginning, I thought that anyone who is a Ham, is a good human being, and I met some of the best on exam day! I look forward to meeting more, and getting all set up.

Thank you Don for all of your help and for enriching my life.

Technician Class License Study Sessions

YARC is offering a free, two day study session for the Technician Class License, which is the basic class of amateur radio license. The dates are 08/06/16 and 08/13/16 (both Saturdays) from 0900-1600 MST. The classes will be held at the Jeep Posse building, 1200 Commerce Drive in Prescott. The Jeep Posse building is located behind the skating rink at Pioneer Park. To register and get further information, contact Brian Vlastelich at bvlastelich@aol.com or by telephone 928-583-7572. If not home, leave a message and Brian will return your call. Register early as the class will be limited to 40 students.

A VE license examination is scheduled for August 27 at the Jeep Posse building for all license classes. Please share this information with anyone interested in earning the Technician License.

Upcoming Public Service Event Communications

Prescott Valley EC, Patti KD7VBG, is the Public Service Coordinator for the Yavapai Amateur Radio Club (YARC). Except as noted below, she organizes and runs all the public service events for YARC.

Signing up for Events

You can sign up in 1 of 3 ways:

- 1) Sign up sheets will be at the YARC meetings. They usually start 2-3 months before the events - check with Patti, KD7VBG at the meeting.
- 2) You can go the YARC website, www.w7yrc.org, select ARES/RACES and then select Calendar and fill out the application for the event.
- 3) You can contact Patti directly, at kd7vbg@k7yca.org.

Saturday, Sept. 10, 2016 - March of Dimes March for Babies. This event will be back in Prescott this year and the course will likely be same as in years past.

Sunday, Sept. 18, 2016 - Skull Valley Loop Challenge. This is a small bike event starting in downtown Prescott.

Saturday, Sept. 24, 2016 - Groom Creek Classic. This is a 12 Marathon, 10K, 5K, and 2 Mile fun run starting at the Groom Creek Fire Station.

Saturday, Sept. 24, 2016 - Bradshaw Grinder. It will be the same as the Chino Grinder, except in the southern Bradshaw Mountains, starting and finishing in Mayer. More details to follow as they become available.

Mountains, starting and finishing in Mayer. More details to follow as they become available.

Friday & Saturday, Sept. 30 & Oct. 1, 2016 - Prescott Road Rally. Sign up for this event at <http://prescotttrally.com/>. We have had a couple of meetings for this event so things are getting started.

Saturday Oct. 1, 2016 - Man Against Horse Race. This event is run jointly with the Jeep Posse. Doug Freeman, KV8TD will be coordinating this event this year - contact him at w6nhx@aol.com.

Saturday, Oct. 15, 2016 - Diabetes Walk. John Broughton, WB9VGJ will be coordinating this event - contact him at wb9vgj@arri.net.

Club Station Open House/ Ice Cream Social

Bill Noe W7PVA and Kathy Laing KJ6KMK hosted an open house and ice cream social at the club station at the Jeep Posse building on July 15. Refreshments, ice cream, and home-made cookies (baked by Kathy KJ6KMK) were served. Attendees mingled and interacted with others. Tours and demonstrations of the club station were also made. Approximately 40 - 50 people attended and a good time was had by all.

2 Meters Wisdom

by Bud Semon, N7CW

Many people start out with a 2 Meter handi-talkie as their first radio. Typically, these radios come with a short (about 6") antenna, commonly referred to as a rubber duckie antenna. In fact, these antennas are extremely inefficient and you can make a huge improvement in your signal by replacing it with a 19" antenna (with the proper connector of course).

This type of antenna depends on your body to be the "ground" side of the antenna. I'm sorry to say that you are an inefficient ground and you can further improve the antenna performance by replacing yourself with a length of wire about 19.25" long. Find an eye terminal that will fit over the radio's antenna connector (underneath the connector from the actual antenna - make sure it makes contact with the outside of both the radio and antenna connector) and solder the wire to it.

Let it hang down from the radio while you operate. There are many ways to make this connection more robust (e.g. heat shrink tubing over the wire connection to the terminal) so it will last. Now you have a vertical dipole on your HT.



General Meeting Programs

July Program: Special Interest Group (SIG) Breakouts

- Digital – Tom Azlin W7SUA
- SDR – Skimming Receiver – Doug Theriault NO1D (see the receiver on his QRZ.com page)
 - Arduino/Raspberry Pi
 - o DTMF Decoder – Rob Redford KM7LMI
 - o WiFi Thermometer – Rob Redford KM7LMI
 - o Several other board devices – Doug Theriault NO1D
 - IRLP/Echolink – Rex Mauldin N7NGM
 - 10 Meters – Bill Noe W7PVA
 - Beginning Hams – Frank Bender K8FB
 - o Schedule a digital mode demonstration this summer at the club station
 - o Discuss plans for re-starting the New/Beginning Ham sessions this fall
 - o Discuss plans for a two day Technician Class license study session led by Brian Vlastelich KG7TSY and Kathy Laing KJ6KMK
- Amateur TV (ATV) – a new SIG being moderated by Don Bauer WB7TPH and Rex Mauldin N7NGM

August Program: “Fun of CW,” by Loren Singh AE7CG

Tentative Future Programs

- September “440 MHz Repeater Improvements,” Doug Theriault NO1D
- October: Open
- November: WA6ZZJ Memorial Month – Public Service Award and Club Elections
- December: 2017 Budget Approval and “2016 in Review” Slide Show





July 2016 Foxhunt
by John Broughton, WB9VGJ

The monthly foxhunt was held Sunday, July 10th. Jeff, WB7RFY, and I were the foxes. Jeff chose the Prescott library as the place to hide the transmitters. He chose the spot for the primary transmitter and I chose the spot for the secondary transmitter. The advantage of his location for the primary transmitter was, if you were right below it, you could not see it. It could be seen from the street or from the sidewalk at the end of the wall, but you needed very, very good eyes to notice it from there.

There were just two teams for this hunt: 1) Robert WA6FBA and Bob WB6ODR; and 2) Pete K6VVR and Patrick KG7EWD.

The results of the hunt were:

Finish	Team	Time
1	K6VVR and KG7EWD	35 minutes
2	WA7FBA and WB6ODR	47 minutes

This was a fairly short hunt as both teams found the transmitters rather quickly. It speaks to their foxhunting skills. However, once they arrived at the library, they did spend some time near both transmitters before they located them; they were close and walked right past them several times. Congratulations to Pete and Patrick for winning the hunt.

You can see pictures of the hunt here:

<http://tinyurl.com/YARCFoxhuntJuly2016>

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





W7YRC 2M FM Net — 147.260 MHz, PL +103.5 Hz — Wed., 1900 MST — N.C., AE7CG, Loren					
Call	Name	06/22/16	06/29/16	07/06/16	07/13/16
K6VVR	Pete	x	x	x	
K7CJW	Bob				x
K7DCT	Andrew	x	x		x
KA5DWI	Art	x	x	x	x
KF7ANX	Frank	x	x		x
KF7FPD	Jerry	x	x	x	x
KF7PQV	Dan	x	x	x	x
KG6AY	Art			x	x
KG7EWD	Patrick				x
KJ7WED	Bob			x	
W7HAM	Ralph	x	x	x	x
WA6AQK	Ken	x	x	x	
WN7E	Tom	x	x	x	
KI6AHH	Tony	x	x		x
W7PVA	Bill			x	x
K6RVA	Bob	x			
KI7ALL	Alan		x		
AE7IH	Dan			x	



What is the difference between arc flash and arc blast?

Up to 77% of all electrical injuries are caused by arc flash incidents. When an arc fault occurs, the result is a massive electrical explosion. The light and heat emitted by the explosion is known as the arc flash, and the pressure wave is known as the arc blast. An arc flash releases hot gases and concentrated radiant energy up to four times the temperature of the sun's surface, which can melt metal and cause severe radiation burns, damage eyesight, and result in fatalities. Such high temperatures are also capable of explosively vaporizing metals such as copper. The presence of vaporized metal can then feed and sustain the plasma arc and exacerbate its power. An arc flash essentially lasts until the overcurrent protective devices open the circuit. A fast-acting fuse may open the circuit as quickly as several milliseconds. The accompanying pressure waves can damage hearing or brain function and send loose equipment, tools, machinery, and debris flying to cause further injuries. Even if an arc blast doesn't injure a person, it will damage equipment and cause downtime.

Causes

One of the major causes of arc flash is voltage transients (spikes), resulting from switching reactive loads or lightning strikes. The transient may last only microseconds, but it may also carry thousands of amps of energy. When such spikes occur while measurements are being made, they can cause a plasma arc to form—inside the measurement tool, or in the air outside. Other major causes of arc flash are things as simple as touching a test probe to the wrong surface, worn connections, gaps in the insulation, improperly installed parts, or dust and corrosion that cause resistance heating.

Consequences

Arc faults are potentially fatal to any personnel in the vicinity. The intense heat of the arc flash can severely burn human skin and ignite the clothing of anyone within several feet of the incident. Treatment for arc flash burns can involve years of skin grafts. Without proper eye protection, projectiles and molten debris can cause eye damage. The intense UV radiation associated with the flash can cause retinal damage. Superheated vapors can injure lungs and impair breathing. The thermoacoustic blast can damage hearing with ruptured eardrums, cause collapsed lungs and damage other internal organs. The blast can knock personnel off their feet; falls may result in broken bones or lead to electrocution or further injuries on other parts of the system. Arc flash and arc blast are real dangers in industrial electrical environments. By following best practices, using the proper equipment and staying as far away from energized components as possible you can reduce your risk of those events and work smarter and safer.

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 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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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
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