



# YAVAPAI SIGNAL



The Yavapai Amateur Radio Club • Prescott, Arizona • DM-34 • Volume 26 - No. 10 • October 2011



Hello once again!

Fall is upon us. Where did the year go? It's certainly been an exciting one! September and October are going to be busy for YARC and its operators. If you'd like to participate there's certainly plenty to do. Before I get into what's coming up though, we need to say thank you to the folks who have been doing so much for amateur radio of late. There really are too many people to thank individually here, but let's just remember a few things: Hours and hours of public service, dozens of new ham licenses, the Arizona QSO party, statehood celebrations, and more! Our operators have been part of it all and there's still more to do! Once again, it proves there's room for everyone in Ham Radio..

Don't forget our ongoing events too! The Fox Hunt (hidden transmitter hunt) happens monthly (the Sunday following the meeting). Pete, K6VVR has details on that. We also support a weekly net Wednesday nights at 7pm local time on the 146.880+ repeater and the slow-code (Morse code practice) net, on Sunday nights 7:30pm local time. It would be great to get some of our new members involved in those, or at least some new faces!

This month the meeting program will be hosted by K6VVR (Pete). He's going to give us some great information about fox hunting. Maybe he'll even share some of the secrets of his success!

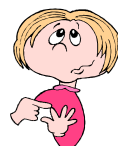
Have a great month -- innovate, communicate, and share ham radio with someone new today!

Creighton  
AD7YR

### Membership Count:

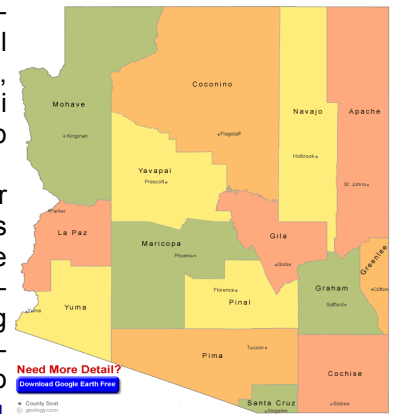
1st Thurs. in August.....180  
Gain/Loss.....+16\*  
1st Thurs. in September.....196

\* Includes eleven 3-month memberships



## Time to make Arizona Radio Active!

The Arizona Statehood QSO Party will be held Oct 8 - 9, 2011. The Yavapai Amateur Radio Club will be issuing a New Award this year representing Arizona's Statehood to anyone who works all 15 Arizona counties during the contest and submits their logs to [logs@azqsoparty.org](mailto:logs@azqsoparty.org)



Anyone not participating in the AZQP and makes a contact with all Fifteen Arizona counties can still receive a certificate by emailing [az-wac@w7yrc.org](mailto:az-wac@w7yrc.org) for an application and rules.

Operators, whether fixed, portable or mobile are needed. Sign up by emailing [info@azqsoparty.org](mailto:info@azqsoparty.org)

Certain rules have changed this year. Visit [www.azqsoparty.org/rules.html](http://www.azqsoparty.org/rules.html) for more information or [http://www.w7yrc.org/az\\_qso\\_party.htm](http://www.w7yrc.org/az_qso_party.htm). You can download the new Arizona exchanges to be used from the club website. ■

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## Welcome to the Yavapai Amateur Radio Club

The Yavapai Amateur Radio Club (YARC) is an ARRL affiliated Special Service Club. The club participates in many activities in the tri-city area by providing communications for local events, emergency communications, and promotion of the hobby throughout the community.

Membership in the YARC is open to any interested amateur or non-amateur alike. Dues are \$20.00/year (Full-time students \$15). The YARC meets at 7:00 p.m. local time on the first Thursday of every month in the Technology Room 404, at the Granite Mountain Middle School, 1800 Williamson Valley Road in Prescott. It is about ½ mile north of Iron Springs road, and all amateurs and non-amateurs as well are invited. Programs of interest are included as part of the meeting.

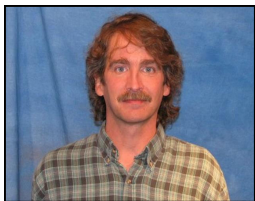
The weekly Net is held every Wednesday at 7:00 p.m. local time on 146.880- repeater. All amateurs are invited to participate, and visitors are always welcome.

The Yavapai County ARES/RACES Net is held on Monday nights approximately at 7:00 p.m. local time on the 145.290- repeater on Mingus Mountain. A PL of 127.3 is required.

### Club Repeater

The YARC 146.880- repeater is located on the hill above Willow Creek road and requires a PL of 100.0 Hz. Our deepest gratitude to Bill Kafka, W2YAV for allowing us to acquire the original club repeater. ■

## Minutes of September 1, 2011 Board Meeting



Meeting was called to order at 1756 hrs. by the President, AD7YR. Also in attendance:

AD7WW, AD7RL, K6VVR, K7SEN, KE7NAP, and WN7E.

Several good candidates for appointment to vacant board seat discussed. KV8TD selected to fill vacancy for remainder of the year; other volunteers to be offered nominations to positions being vacated at the end of the year.

Participation in a local church Emergency Preparedness event detailed.

Testing sessions will be held Sept 30<sup>th</sup> and Nov 5<sup>th</sup> at the Jeep Posse Bldg.

Frequency for IRLP will be 446.100 MHz.

The table at the front of the General Meeting room will be reserved for the Treasurer, Secretary and club business only.

AD6ZL offered to donate his equipment to the club. WN7E to follow-up.

The annual YARC Party is on schedule for January 14<sup>th</sup>, 2012, Noon to 4 PM. Speakers are lined up. Door prizes will be non-radio related and desirable to all attendees.

A Certificate of Appreciation will be presented to Mrs. K6UWV for her great work in helping to provide refreshments at the meetings.

Advance planning for 2012 Field Day discussed.

A Certificate of Appreciation will be presented to WB7UZV in recognition

for making the 2011 Field Day a great success.

Having an official club lunch discussed. By consensus, the board recommends keeping the lunches unofficial. Members typically meet at Denny's on Gail Gardner and Iron Springs Rd. at about 5 PM on meeting nights and after the Sunday Fox Hunt. Other unofficial dining opportunities listed on the last page of the Yavapai Signal.

K7SEN will be sending welcome letters to new members for the remainder of the year.

Meeting adjourned at 1849 hrs.

## Minutes of September 1, 2011 General Meeting

Meeting was called to order at 1900 hrs. by the President, AD7YR. Following the Pledge of Allegiance, introductions were made.

**Attendance:** 72 of whom 53 signed in.

Visitors welcomed.

New members KF7RIJ, KF7RII, KF7RIG, KF7RIF, KF7RIE, KF7RIU, KF7RH, KF7RHU and KI7AI welcomed unanimously.

**Minutes** of the May meeting were approved as published with no dissenting.

**Treasurer's report** presented and approved as published with no dissenting.

Club stickers and patches are available from the Treasurer.

### COMMITTEE REPORTS:

**VE:** K7SEN reports the next testing sessions will be held Sept 30<sup>th</sup> and Nov

5<sup>th</sup> at the Jeep Posse Bldg. Contact [testing@w7yrc.org](mailto:testing@w7yrc.org) or [K7SEN@arrl.net](mailto:K7SEN@arrl.net).

**ARES/RACES:** WA6ZZJ reports March of Dimes event on Saturday, September 10<sup>th</sup> is fully staffed.

Saturday, September 24<sup>th</sup> brings the Tour de PV and the Groom Creek Classic, with more operators needed.

Preparations are underway for the MS bike ride on April 14<sup>th</sup> and 15<sup>th</sup>. APRS will be in use.

The Prescott Rally will be held September 30<sup>th</sup> through October 1<sup>st</sup>.

The Walk for Diabetes is October 15<sup>th</sup>.

**Newsletter:** AC6AA reports all is well with the Yavapai Signal.

**Shirts:** K6VVR is taking orders for club shirts.

**Badges:** New, custom engraved club name badges available from WB6ODR.

**Refreshments:** K6UWV has provided cookie and soft-drinks and lots of coffee. Please recycle.

**Elmers:** K7SEN reports Elmers are doing well. AD7YR acknowledged their contribution.

**School Clubs:** KB7TRE advised that the GMMS club has resumed for the school year. There are already 10 kids in the club, and are happy to meet after school, because all attendees are sincere. They've requested 2 meetings a week, instead of one. "On Monday, I asked if they'd like to get on the air or study, and they said 'We'd like to study.'" 2 members have already obtained their licenses.

**Nets:** K7SEN reports on 146.88 nets: Club net every Wednesday 7:00 pm Net Control positions available. All please check in on the 146.880 MHz repeater, 100hz PL.

K6VVR reported on the Sunday slow code net, held at 7:30 pm on the 146.88 repeater.

**T-hunt:** K6VVR reports the Sunday Fox Hunt will be held the Sunday following the meeting. Event held at 1 PM, starting at the Arizona Credit Union on Gail Gardner Way, off Willow Creek Road.

#### **OLD BUSINESS:**

IRLP will be on 446.100 MHz. AD7RL will send an email to the club mailing list with details when it's active.

#### **NEW BUSINESS:**

KV8TD appointed to the Board of Directors for the remainder of the year.

AD7YR thanked all who volunteered to fill this position.

On September 10<sup>th</sup>, there will be an Emergency Preparedness event at the LDS church in Prescott. YARC will be participating with several members demonstrating the use of Amateur Radio and equipment.

A club QSL card proposed by KV8TD. Detail will be followed up by the Board.

The annual YARC Party is on schedule for January 14<sup>th</sup>, 2012, Noon to 4 PM at the Hotel St. Michael. There will be two guest speakers and door prizes for male and female attendees.

More volunteers are needed for the Prescott Rally. Go to [prescottrally.com](http://prescottrally.com) to register.

Anyone interested in attending classes to prepare for General or Extra licensing exams, send an email to: [classes@w7yrc.org](mailto:classes@w7yrc.org).

Meeting adjourned at 1937 hrs.

Respectfully submitted,

George Imbrugia, AD7RL

#### **YARC Officers for 2011**

##### **President**

Creighton Grotbeck, AD7YR  
[president@w7yrc.org](mailto:president@w7yrc.org)

##### **Vice President**

Ellis Rackoff, KE7NAP  
[vice.president@w7yrc.org](mailto:vice.president@w7yrc.org)

##### **Secretary**

George Imbrugia, AD7RL  
[secretary@w7yrc.org](mailto:secretary@w7yrc.org)

##### **Treasurer**

Tom Griswold, WN7E  
[treasurer@w7yrc.org](mailto:treasurer@w7yrc.org)

##### **Board of Directors (includes Club Officers)**

Doug Freeman -- KV8TD

Pete Morrison -- K6VVR

Will Taylor -- AD7WW

Neil Vince -- K7SEN

**Newsletter Editor:** Joe Oliver, AC6AA  
[newsletter@w7yrc.org](mailto:newsletter@w7yrc.org)

## YAVAPAI AMATEUR RADIO CLUB

### September 2011 Treasurer's Summary - Tom Griswold WN7E

#### Income

Date	Callsign	Name	Code	Check #	Amt. Paid	G. F. Amt.	Rep.Fund	ARRL
09/01/11	W7JLC	Jack Crabtree	R	7221	\$20.00	\$18.00	2.00	
09/01/11	N0GUT	Sue Crabtree	R F					
09/01/11	KI7AI	Don Colozze	N	8819	\$25.00	\$18.00	7.00	
09/01/11	W6RIJ	Eric Lash	N	cash	\$20.00	\$18.00	2.00	
09/01/11	WB9VGH	John Broughton	R	cash	\$20.00	\$18.00	2.00	
09/01/11	N7RIS	Richard Von Aschen	R	cash	\$20.00	\$18.00	2.00	
09/01/11	KL7JJ	Jim Minton	N	cash	\$20.00	\$18.00	2.00	
09/01/11	KE7ODP	Diane Dutkevitch	R	cash	\$20.00	\$18.00	2.00	
09/01/11	KF6SPS	Walter Schumann	R	cash	\$20.00	\$18.00	2.00	
09/01/11	N7GLH	David Hanson	N	5453	\$35.00			
09/01/11	KF7RIG	Marjorie Cole	A N	cash	\$40.00	\$15.00	1.00	24.00
09/01/11	KI7AI	Don Colozze - patches		cash	\$6.00	\$6.00		
09/01/11	KF7RIG	Marjorie Cole-patchs/decals		cash	\$8.00	\$8.00		
09/02/11		50/50 raffle		cash	\$128.00	\$128.00		
09/08/11	N7GLH	David Hanson	A N	5454	\$24.00			24.00
09/08/11	K6UWV	David Passsell+\$2arrl renew	R	4063	\$22.00	\$20.00	2.00	
09/08/11	KE7DTZ	Richard Butts	R	5687	\$22.00	\$20.00	2.00	
<b>Income Totals</b>					<b>\$450.00</b>	<b>\$341.00</b>	<b>26.00</b>	<b>48.00</b>

#### Expenses

09/01/11	K6UWV	David Passell – refresh.		1071		\$17.84		
09/01/11	KF7RIG	Marjorie Cole 50/50 winner		cash		\$64.00		
09/07/11		Allegra - newsletter		1072		\$28.22		
09/07/11	AC6AA	Joe Oliver - stamps		1073		\$44.00		
09/08/11	WN7E	Tom Griswold - stamps		1075		\$44.00		
09/15/11		Catalina Radio Club plaques		1076		\$80.00		

#### Total

#### Expenses

<b>Total Expenses</b>						<b>\$278.06</b>		
Beginning Balance		<b>\$4,912.27</b>	Aug. end Repeater Fund		<b>\$1,370.55</b>			
Sept. income		<b>\$450.00</b>	Sept. 2011 Repeater Fund		<b>\$26.00</b>			
Sub Total		<b>\$5,362.27</b>	Interest 31 Aug, 2011		\$0.18			
Expenses		<b>\$278.06</b>	Sept. Repeater Fund Bal.		<b>\$1,396.73</b>			
General Fund Balance		<b>\$5,084.21</b>	ARRL Ck Payments	1074		<b>\$48.00</b>		
Net Loss/Gain		\$171.94	Sept. Income		\$450.00			
			Cash out 50/50		\$64.00			
			Deposit		\$386.00			



By Lloyd, WA6ZZJ

### ARES/RACES.....

ARES/RACES will be involved in a communications event with Yavapai County Health and the Hospitals in our area on November 4, 2011. The simulation will be that on the afternoon of the exercise "hospital communication lines have been disrupted". More information on this will be made available as I get it.

### SPECIAL EVENT COMMUNICATIONS.....

Three of the four special communications events for September have been completed with two of the events being on the same day so our resources were stretched somewhat thin for those, but we were able to cover both events.

### March of Dimes March for Babies.....

The first event this month was the March of Dimes March for Babies held on Saturday, September 10th. This is one of the smaller events we provide communications for and was staffed well before the event date. There were nine YARC members involved in staffing four different positions and the support van. This year for the first time, the Truly Nolen Volkswagen Beetle Limousine was used for the support van and tired walker pickup vehicle. It used the appropriate tactical call sign of 'Mouse 1' and drew a lot of attention as it made the rounds of the route. The weather was nice, the event went very smooth and wrapped up on time.

Amateurs involved were: KD7VBG, N6KZ, KF6SPS, N7RIS, W7BNW, KF7MMO, N7PJN, K7CBK and WA6ZZJ. Thanks to all who participated for their help.

With a weekend of in between, the next two events were held on Saturday, September 24th. They were the Tour de Pee Vee and the Groom Creek Classic.



**Truly Nolen Volkswagen Beetle Limousine was used for the support van and tired walker pickup vehicle.**

### 9th Annual Tour de Pee Vee.....

The 9<sup>th</sup> annual Tour de Pee Vee 1/2 Marathon, 10K, 5K and Two Mile Fun Run/Walk started and finished at the Prescott Valley Towne Center. Ten operators manned seven different locations and Net Control at the start/finish. Operators were in place by 06:30 with the first race starting at 07:00. The 10K and 5K followed at 15 minute intervals with the Two Mile at 08:30. The only incident traffic handled was to locate a tired runner and get her driven back to the start line from midpoint on the 1/2 Marathon. Operations wrapped up at 10:30 and the Boy's and Girl's Club folks thanked us for our support in providing the communications.

Amateurs involved were: WB9VGJ, KF7MMO, KI7AI, W6CCD, KF7PQW, KE7IXS, KE7VWN, N7PJN, N7RIS, KE7TDR and WA6ZZJ. As always, thanks to all who took part. It is your participation that make these events a success. ■

***Upcoming Events***

- Sept. 30, 2011 & Oct. 1, 2011 - Prescott Road Rally
- Oct. 8 - 9, 2011 - Arizona Statehood QSO Party
- Oct. 15, 2011 - Step Out for Diabetes
- Nov. 4, 2011 - ARES/RACES Communications Event with Yavapai County Health and the Hospitals.

## 7th Annual Groom Creek Classic.....

By Patti Halgunseth, KD7VBG

On Sept 24, 2011 the Yavapai Amateur Radio Club provided communications for the 7<sup>th</sup> Annual Groom Creek Classic. As in the years past this was a ½ marathon; 10K; 5K; 2 Mile Fun Run/Walk. We manned the seven water stations along the route that starts and finishes in front of Groom Creek Fire Station. We also had two Quads on the route one for each segment to get supplies and check for the last runners and to sweep the course.

This year they had 150 pre-registered runners and more showed up that day to run. Again this year was another success no incidents and everyone finished with no issues, and once again the Groom Creek Fire as well as other race coordinators say “they cannot do it without us”.

We had a total of 10 Operators, 2 Quads and Net Control without whom we would not have been able to make this event another successful year. The Amateurs involved were: AE7BK with helper AD7WW, KE7DTR with helper W7JGJ, KF6SPS, KF6FPD, KE7INF, AD7UR, N7CW, W7PRG, KC6ZHG, WB7RRQ and KD7VBG.

Thanks to all who volunteered, and hope to see you on future events.



Groom Creek Net Control Station

The Prescott Rally will be the next event on Friday, September 30<sup>th</sup> and Saturday, October 1<sup>st</sup>. As of now, it appears our Special Event Communications season will wrap up with the Step Out for Diabetes Walk on Saturday, October 15<sup>th</sup>.

Coming up in April of 2012 our season will kick off with two events with one a two day operation and the other a three day event. The MS 150 Bike ride on April 14<sup>th</sup> and 15<sup>th</sup> will be followed by the Whiskey Off Road Mountain Bike event on April 27<sup>th</sup>, 28<sup>th</sup> and 29<sup>th</sup>. Put these dates on your calendars as lots of help will be needed on both events. ■

## Emergency Fair

By Creighton Grotbeck, AD7YR

On Saturday, September 10, 2011, The Church of Jesus Christ of Latter-day Saints hosted an Emergency Fair in the courtyard of the church located on Ruth St. The fair was held in cooperation with many City, County and State agencies with the intention of educating the public about the need for emergency preparedness and to showcase some of the skills, supplies and equipment needed should emergency services become overwhelmed during a disaster. It's estimated that perhaps 400 people attended the four hour event.

Naturally, it was a tremendous venue to showcase Ham Radio and its role in emergency communications. Members of the YARC and others donated their time to prepare and man a booth there so members of the public could learn more about Ham radio. Information on

emergency preparedness, obtaining a license (testing), the operation of ham radio, and the club itself was made available. Additionally, the booth featured two Morse code practice oscillators (the kids enjoyed that, especially), several home-made antennas, solar power options, and of course radios! (2 Meters) The public was invited to participate hands-on with the equipment and ask questions of the operators manning the booth.

Heartfelt thanks goes to those hams in attendance and who participated and made the booth possible, including (in no particular order): Terri(KB7TRE), Pete (K6VVR), Jim(WB7UZV), Will(AD7WW), Ken (KE7KWH), Bryan (W7BMW), Marjorie(KF7RIG), Sky(KF7SKY), Eric (W6RIJ), and many others who lent a hand or stopped by. Special additional thanks go to Tony Lowry (KA7JKX) for attending and the invitation to the event.

It was a fine way to spend an afternoon! ■

# Arizona Centennial Kickoff Operation

By Bud Semon, N7CW

**A**long with Prescott's Best Fest Centennial Celebration, we had an amateur radio operation to kickoff the centennial year. The Central Arizona DX Association (CADXA) was kind enough to allow us to use their club callsign, K7UGA, which, of course, originally belonged to Arizona's Senator Barry Goldwater and is one of the most famous callsigns in the world. We operated on Best Fest Saturday, September 17, from my home, from about 6 AM until 5:30 PM. The operators included:

Jim, N6KZ	Tom, WN7E
Dave, WN7E	Mary, AB7NK
Dennis, KF7INF	Neil, K7SEN
Fred, N7PJJ	Dan, KF7PQV
Lee, K7CBK	Frank, KF7ANX
Richard, KE7DTR	Ray, N6VR
Walter, KF6SPS	

We made about 440 contacts on both CW and SSB, including YARC members Doug, KV8TD, John, WB9VGJ, Brian, KW6J, Don, WB7TPH and some of the operators from their home stations.

In addition to the big pileups of stateside stations, we were very lucky to have some DX call in, including stations from Canada, Portugal, Spain, Italy, Germany, England, Finland, Slovenia, Nigeria, Japan, Thailand, Indonesia, New Zealand, Australia, Argentina and Colombia.

Some of the operators had never been on HF before, so we saw some good examples of mic fright, but everyone eventually found out that the microphone did not bite and they managed to work through the huge number of stations calling us. It was truly amazing how many people had worked Barry and called in to share their memories with us.

Again, thanks to Bob, K7BHM at the CADXA, we don't have to answer any QSLs for this operation. The special QSLs feature a picture of Barry at his station (see K7UGA in [www.qrz.com](http://www.qrz.com)) with special Prescott Centennial stickers.

We will have a similar operation during statehood week,



Here is Jim, N6KZ at the microphone, with Dave, WN7L handling the computer logging chores.

starting on Feb. 13, 2012. The details are not finalized, but there will be at least one station operating in the Prescott area, using the K7UGA callsign, during that week. Block off that week in your calendar and stay tuned for details!



Ray, N6VR, can handle both the computer logging and operating CW!

See *Arizona Centennial* Page 8

● **Arizona Centennial** (Continued from Page 7)



Here is Neil, K7SEN, chewing on the microphone, with Tom, WN7E, logging and wondering how Neil doesn't break his teeth!

Finally, I would like to thank Jim, N6KZ, for helping with the setup, the administrative details and bringing the breakfast pastries for this operation. And thanks to Mary, AB7NK, for bringing me lunch - - without her, I would have had real food to eat! ■

**VE TESTING**  
By Mary Vince, AB7NK



License Testing

An additional test session has been scheduled for Friday, September 30, 2011 at 6:00 P.M. at the Jeep Posse Building. All license classes will be tested.

The Jeep Posse Building is in Pioneer Park off Commerce Dr. between Pioneer Parkway and Willow Creek, located behind the hockey rink.

Those taking the technician exam, please apply for your FRN (Federal Registration Number) prior to registering for the test session. You can register for your FRN number at:

[http://wireless.fcc.gov/uls/index.htm?job=about\\_getting\\_started](http://wireless.fcc.gov/uls/index.htm?job=about_getting_started)

Any questions regarding the test session or to pre-register, please email [testing@w7yrc.org](mailto:testing@w7yrc.org) ■

**Wednesday Evening Net**

All club members are invited to check into the Wednesday evening net at 7:00 p.m. on the 146.880 repeater. There is a pl tone of 100 Hz.



**Net Controls**

**Net Controls are needed for the months of November and December. Contact K7SEN, Neil at 928-775-2158.**

**Heathkit's Amateur Radio  
Plans Taking Shape**

*From the ARRL Letter*

Ernie Wake, Heathkit's Director of Sales and Marketing, told the ARRL "Heathkit is presently working on developing a few Amateur Radio kits. Initially, the kit line will include a few 'accessories,' like kits for a Dual Watt Meter, Antenna Tuners and the Cantenna. Once we are a little more 'settled,' I think we will develop a QRP receiver. We won't rush to market just to get there. We want to develop a line of kits in the tradition of Heathkit. I'm hoping to have one or two kits by the end-of-the-year."

**Need Cards Checked for  
ARRL Operating Awards?**

Jim Zimmerman, N6KZ can check your QSL cards for DXCC, WAS, VUCC, WAC, etc.

For information contact Jim at: (928) 713-0542.

Jim's QTH is at: 778 Grapevine Lane,  
Prescott, AZ 86305.

**October Program**

Pete, K6VVR will relate his enjoyable experiences in pursuit of the elusive "fox". He will provide tips on how to be successful when T-Hunting.

# Prescott Canyon Southern Garden Railroad

By Will Taylor, AD7WW

Last Wednesday, September 6, 2011, we had a club outing to the Prescott Canyon Southern Garden Railroad, and then had lunch at the Blue café in Dewey. For those who missed the outing, here is the link to the Garden Railroad:

<http://www.trainweb.org/pcsrr/indexx.html>. The following is an excerpt from this website, along with some additional photos.

“The ORIGINAL "Prescott Canyon Southern" Railroad was located at the home of Stan and Kay Cedarleaf in Prescott, Arizona and was named for the retirement community where we lived. "Prescott Canyon Estates." We moved to this home on October 3, 2000 and construction on the "PCSRR" started on October 24th. The layout started as circa 1900, but diesel equipment has been added. Modernization was inevitable..... “

Updated aerial view of the new Railroad in Dewey →

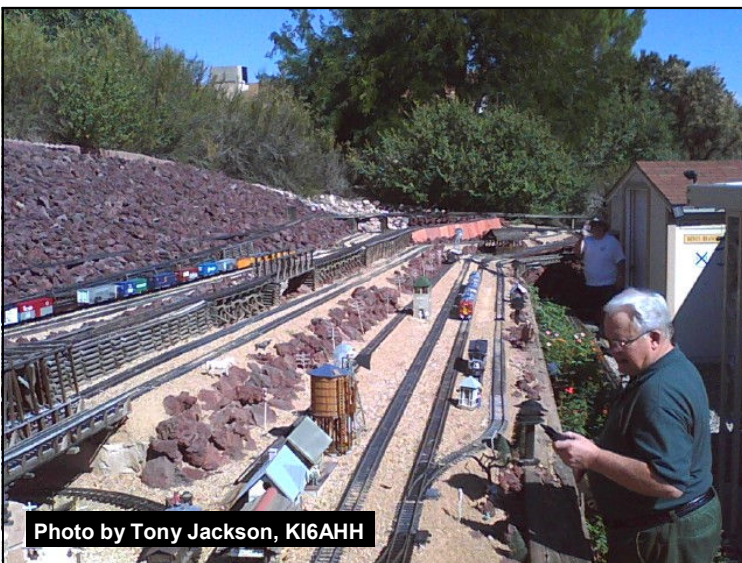
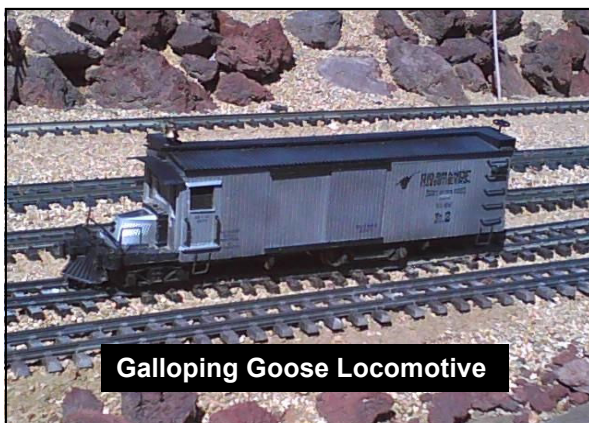
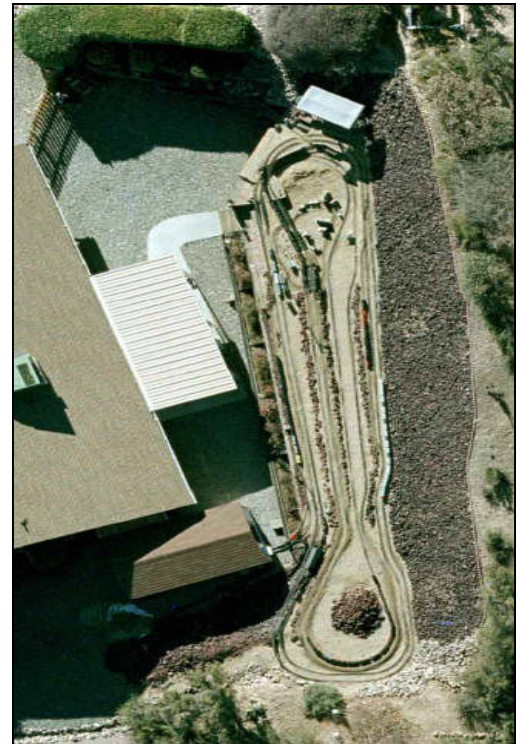


Photo by Tony Jackson, KI6AHH

Stan Cedarleaf with his Railroad & Steve, KC7CIL in back.



Galloping Goose Locomotive

By Tony Jackson, KI6AHH

The Galloping Goose is a popular name given to a series of Seven Rail Cars (Officially designated as “Motors” by the Railroad) built in the 1930s by the Rio Grande Southern Railroad (RGS) and operated until the end of service on the line in the Early 1950s.

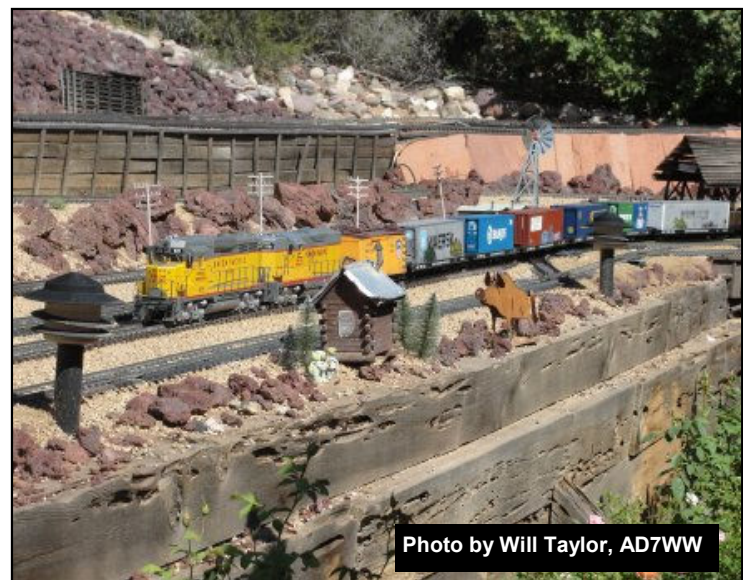
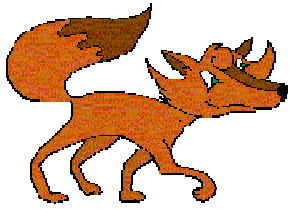


Photo by Will Taylor, AD7WW



## September Fox Hunt

By John, WB9VGJ

The monthly fox hunt was held on September 4, 2011. Jeff, WB7RFY, was the fox and he located the hidden transmitters.

There were five teams hunting for the transmitters, but only two found the transmitters: Pete, K7VVR found them first and Diane, KE7ODP was second. Then Jim, WB7UZV found them and then his partner Frank, KF7ANX.

Pete, K6VVR will be the next fox. Information on fox hunts can be found on the YARC website.

Pictures of September's hunt can be seen at: <http://tinyurl.com/3jgtqyd>

A small video of the hunt can be seen at: <http://www.youtube.com/watch?v=qgpNTV7J4WA>

### Membership Dues Reminder Notices

Reminder notices for your dues have recently been sent out by email. These notices extend through December 2011. Those without email addresses have been notified by U.S. Mail.

At the November 2009 meeting a motion was made and carried that reminders be sent out 1 to 2 months prior to the expiration of one's membership. This can be viewed in the December 2009 newsletter. It is important to the club to advise new members that we are not billing them, only sending a friendly reminder.

At any time you can find out what your due date is by looking at the far right column of the roster. The roster can be obtained by going to the home page of the club website, scroll down to the bottom and click on MEMBERS ONLY. If you do NOT know the username and password, contact either [webmaster@w7yrc.org](mailto:webmaster@w7yrc.org) or [info@w7yrc.org](mailto:info@w7yrc.org) or any of the board members.

The roster is updated monthly and can be downloaded in pdf form alphabetically by last name or call sign. If any of your information is not correct, please contact [treasurer@w7yrc.org](mailto:treasurer@w7yrc.org) ■

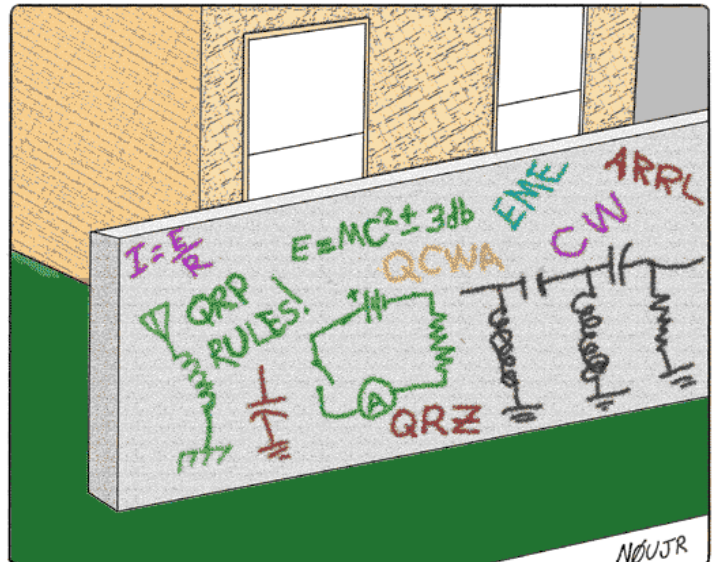
### Computer Tips

Having trouble seeing text or other objects on your computer screen? One of the handiest keyboard shortcuts can remedy that. You can quickly zoom in to enlarge or decrease your screen size.

The following keyboard shortcuts control text size.

**Press (and hold):**

- Ctrl and + (plus sign) to increase the text size.
- Ctrl and - (minus sign) to decrease the text size.
- Ctrl and 0 (zero) to reset the text size to the webpage's default size.



Ham graffiti.

### Need a Hand?

If you need assistance, we want to help you. If you are just starting out in ham radio, or simply have run across something that you could use a hand with... technical assistance or answers to questions about the Yavapai Amateur Radio Club, are available from knowledgeable club members.

**Don't Hesitate to Ask for Help!!**

**CALL:**

- Neil Vince**, K7SEN at: (928) 775-2158  
**Jim Ball**, WB7UZV (928) 445-2997  
**Will Taylor**, AD7WW (928) 445-1717

# Reverse Beacon Network

By Joe Oliver, AC6AA

## NCDXF/IARU Beacon Network

Most of you are familiar with beacon networks, such as the NCDXF/IARU International Project. Northern California DX Foundation (NCDXF), in cooperation with the IARU operates eighteen beacons on five continents, which transmit in successive one-minute intervals on 14.000, 18.110, 21.150, 24.930, and 28.200 MHz. With three minutes of listening for the beacons, you can find out if a particular band is open or which band has the best propagation to a specific part of the world. Since the beacons transmit at known times, you can easily determine which beacon you are hearing without having to copy the CW call sign. Tables are readily available which give the time each beacon starts its transmission and also show the beacon's location.

See <http://www.ncdxf.org/beacon/beaconschedule.html>.

## Reverse Beacon Network

The Reverse Beacon Network takes a different approach. Instead of beacons actively transmitting signals, the Reverse Beacon Network consists of a network of stations listening to the CW bands and reporting what stations they hear and how well they are heard.

The website at <http://www.reversebeacon.net/> describes the features of the Reverse Beacon Network. You can call CQ and see which beacons hear you, when you have been spotted, your frequency, your code speed, and how strong you were. There also is a provision for comparing your signal with those of friends and competitors. Using the Signal Comparison Tool, you can tell it what stations you want to compare, based on signals heard by a given beacon on a certain band at a certain time.

The Reverse Beacon Network depends on volunteer stations currently covering North America and Europe. These stations use a software package like CW Skimmer, which enables operators to be aware of everything that is going on across large swaths of any band. CW Skimmer looks at the entire swath of spectrum it can "hear", identifies CW signals, and decodes them all. It generates a time-stamped list of these stations and their frequencies, and makes them available to the Reverse Beacon Network via Aggregator, another software program that collects CW Skimmer or Skimmer Server spots.



I decided to try out the Reverse Beacon Network by sending a series of 40 wpm CW test signals along with my call sign, several times on 21.087 MHz. Went onto the Internet and entered the Reverse Beacon Network's Main page at <http://www.reversebeacon.net/main.php>. Eight Reverse Beacon stations heard me and reported my frequency, signal strength (Signal-to-noise ratio), CW speed, and time/date received. An animated map also appeared, showing lines from my QTH to the eight Reverse Beacon stations located in different parts of the world.

Interesting website ...give it a try. ■

### **Club contacts - At a Glance**

President - AD7YR	<a href="mailto:president@w7yrc.org">president@w7yrc.org</a>
Vice President - KE7NAP	<a href="mailto:vice.president@w7yrc.org">vice.president@w7yrc.org</a>
Secretary - AD7RL	<a href="mailto:secretary@w7yrc.org">secretary@w7yrc.org</a>
Treasurer - WN7E	<a href="mailto:treasurer@w7yrc.org">treasurer@w7yrc.org</a>
Board Member - KV8TD	<a href="mailto:kv8td@w7yrc.org">kv8td@w7yrc.org</a>
Board Member - K6VVR	<a href="mailto:k6vvr@w7yrc.org">k6vvr@w7yrc.org</a>
Board Member - AD7WW	<a href="mailto:ad7ww@w7yrc.org">ad7ww@w7yrc.org</a>
Board Member - K7SEN	<a href="mailto:k7sen@w7yrc.org">k7sen@w7yrc.org</a>
Arizona WAC Administrator	<a href="mailto:az.wac@w7yrc.org">az.wac@w7yrc.org</a>
Ask Elmer for Help	<a href="mailto:ask.elmer@w7yrc.org">ask.elmer@w7yrc.org</a>
Field Day Chairman	<a href="mailto:field.day@w7yrc.org">field.day@w7yrc.org</a>
Fox Hunts	<a href="mailto:fox.hunt@w7yrc.org">fox.hunt@w7yrc.org</a>
License Classes	<a href="mailto:classes@w7yrc.org">classes@w7yrc.org</a>
Membership Application	<a href="mailto:membership@w7yrc.org">membership@w7yrc.org</a>
Newsletter Editor	<a href="mailto:newsletter@w7yrc.org">newsletter@w7yrc.org</a>
Program Inputs	<a href="mailto:programs@w7yrc.org">programs@w7yrc.org</a>
Public Service - DEC	<a href="mailto:public.service@w7yrc.org">public.service@w7yrc.org</a>
Repeater Trustee	<a href="mailto:repeater@w7yrc.org">repeater@w7yrc.org</a>
Special Events	<a href="mailto:special.event@w7yrc.org">special.event@w7yrc.org</a>
VE Test Liaison	<a href="mailto:testing@w7yrc.org">testing@w7yrc.org</a>
YARC Party Coordinator	<a href="mailto:yarc.party@w7yrc.org">yarc.party@w7yrc.org</a>
Webmaster	<a href="mailto:info@w7yrc.org">info@w7yrc.org</a>
Webmaster	<a href="mailto:yarc@w7yrc.org">yarc@w7yrc.org</a>
Webmaster	<a href="mailto:w7yrc@w7yrc.org">w7yrc@w7yrc.org</a>
Webmaster	<a href="mailto:webmaster@w7yrc.org">webmaster@w7yrc.org</a>

### ***New Board Member***

Doug Freeman, KV8TD will join the Board of Directors in order to fill the position vacated by Jim Ball, WB7UZV.



## Area Repeaters

### Weekly Breakfasts



#### **Wed. Morning Breakfasts:**

**7:00 a.m. at**

**Iron Horse Restaurant**

*(Hwy 89 in Chino Valley)*

*(N 34°43'56.5" W112°27'15.4")*

\*

*informal – all are invited*

**8:00 a.m.**

**Masonic Lodge**

*(1280 Willow Creek Road,*

*2<sup>nd</sup> Floor; above Bank of America)*

*informal – all are invited*

\* Location data (per WGS84) provided

by Fred Zimmermann, N7PJN

Freq.	PL	Location	Owner/Club	Auto-Patch	Rem. BaseOr Linked	Vo IP	Notes:
52.560-	100.0	Mt. Union	N7NGM			IRLP	Node 3301
145.290-	127.3	Mingus Mtn.	ARES/RACES				
146.780-	91.5	Williams Mtn.	BWARC			IRLP	
146.880-	100.0	Prescott	YARC				
146.980-	162.2	Flagstaff	CARC				
147.000+	162.2	Mingus Mtn	MMRG				
147.140+	162.2	Flagstaff/-Mt. Elden	ARA		Linked to Mt. Ord		Mt. Ord=147.36
147.220+	162.2	Mingus Mtn	VVARA				
147.260+	103.5	Mt. Union	ARES/RACES				
224.080-	156.7	Mt. Union	WA7JC				
442.150+	100.0	Mingus Mtn	W1OQ/Northlink				
442.350+	100.0	Glassford Hill	N7KPU			IRLP	
448.475-	100.0	Flagstaff-Elden	ARA	Yes			
448.875-	100.0	Flagstaff-Elden	Northlink		Linked		
449.175-	100.0	Towers Mountain	Northlink		Linked		
449.250-	192.8	Chino Valley	K7POF				"AR News Line" daily at 0800 MST
449.675-	88.50	Prescott Airport	WB7BYV		Linked to P Mtn.		P mtn=927.3875
449.725	110.9	Mingus Mtn	WA7JC				
449.750	91.5	Williams	K7NAZ		Linked to Win-Sys		
927.0875-	151.4	Mingus Mtn	WB7BYV				
927.3875-	151.4	Prescott	WB7BYV	Yes	Yes	Echo	Be Nice



**T-Hunt Frequencies:**

**Primary - 145.100 MHz**

**Secondary - 146.565 MHz**

**For more Repeater Information & Listings refer to:**

- [www.w7ara.org/Web/](http://www.w7ara.org/Web/)
- [www.azrepeaters.net](http://www.azrepeaters.net)
- [www.azfreqcoord.org/listings.htm](http://www.azfreqcoord.org/listings.htm)

## YAVAPAI AMATEUR RADIO CLUB

**P.O. BOX 11994**

**PRESCOTT, AZ 86304**

Visit us on the web at <http://www.w7yrc.org>

Many thanks to Dick Hughes, W6CCD, our Webmaster

