



YAVAPAI SIGNAL



The Yavapai Amateur Radio Club • Prescott, Arizona • DM-34 • Volume 26 - No. 7 • July 2011



Happy Birthday AMERICA



Greetings fellow amateurs!

Temperatures are certainly rising outdoors as we find ourselves smack dab in the middle of summer operations. Of course, Field Day is the big event in June and I'm certainly

looking forward to seeing everyone who wishes to operate with us and participate! Come out and join us for some food, fun, and radio!

I'd like to say a huge thank you to everyone who pulled the event together. There've been a number of people who have devoted their time and energy at a time when everyone is busy, and I'm sure it'll be a huge success. There are so many people to thank, in fact, that we'll have to save individual recognition for the next issue.

I'd also like to remind folks to check the website from time to time if you're able to. It is a wealth of useful information from many contributors in an effort to keep us all current on happenings and events for the club. It's a terrific source of information and certainly something we're grateful for. Also, don't forget that you can contact any board member with ideas, suggestions, comments or concerns. Contact information is provided in the club roster.

This month's presentation at the meeting is scheduled to be on QRP (low-power) operations (and the exciting challenges that offers) given by Loren Singh (AE7CG). I hope to see you there! I'm looking forward to learning something too.

Creighton
AD7YR

Programs

July - Loren Singh, AE7CG will give a presentation on "Operating QRP"

August - Bud Semon, N7CW will describe his experience as a team member on the T31A Kanton Island 2011 DXpedition.

Upcoming Events

- **June 24, 2011** - VE Testing at Jeep Posse Bldg.
- **June 25-26, 2011** - Field Day at Willow Lake Ramada
- **July 15 - 17, 2011** - ARCA/Williams Hamfest.
- **July 23, 2011** - Technician License Class at Jeep Posse Bldg.
- **August 6, 2011** - VE Testing at Jeep Posse Bldg.

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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 June 2, 2011 Board Meeting



Meeting was called to order at 1814 hrs. by the President, AD7YR.

Also in attendance: K6VVR, AD7WW, K7SEN, AD7RL, WB7UZV, WN7E, and KE7NAP.

Field Day Committee reports event preparations on-track. Need for better signage on site discussed. Schedule for Field Day operators presented. Equipment options explored. Menu hashed over. Low power T-Hunt to be held. Map to ramada will be posted on website.

Central Arizona DX Assoc. is seeking operators for the Centennial celebration in mid-September. A station will be running at the Courthouse Square.

Future programs and speakers explored. Program contact person to be proposed during General Meeting. Schedule to be posted on website.

Logistics of providing licensing classes for YCSO Jeep Posse discussed.

Meeting adjourned at 1851 hrs.

Minutes of June 2, 2011 General Meeting

Meeting was called to order at 1902 hrs. by the President, AD7YR. Following the Pledge of Allegiance, introductions were made.

Attendance: 57 of whom 50 signed in.

Visitors welcomed.

New members KF7PQW, KF7PQV, KB8NRI, KF7MMQ, KB7AAH and

KE7KEV 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: AB7NK reports the next testing session will be held on Friday, June 24th at 6PM (Field Day weekend).

Classes: A Technician class will be held in July. Date to be determined. Contact K6VVR or AD7YR to register.

ARES/RACES: WA6ZZJ reports fire season has started with a fire near Flagstaff.

A Mass Casualty Exercise will be held on August 16th.

March of Dimes will be on Saturday, September 10th – 3 more operators are needed.

Tour de PV and the Groom Creek Classic are both scheduled for Saturday, September 24th.

The Prescott Rally begins Friday, September 30th.

48 operators worked the Whiskey Off-Road. The event went well and we covered all 3 days. Our participation helps maintain Special Service Club designation. YARC is one of only 4 Special Service Clubs in the Southwest Division.

AZWAC: AB7NK has worked all 15 counties! AB7NK has forms and information for anyone interested in earning the award.

Newsletter: AC6AA reports the Yavapai Signal is fine.

Shirts: K6VVR is taking orders for club shirts.

Badges: Custom engraved club name badges available for \$6.75 from WB6ODR.

Repeater: WB6ODR acknowledges some reports of sensitivity problems with the 146.88 MHz repeater. He will investigate and report at the next meeting.

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

Elmers:WB7UZV reports having helped people program HTs and get HF antennas up.

School Clubs: KB7TRE advised that the GMMS club is down for the summer. This past school year averaged 18-22 students.

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.

WB7UZV reported on the Sunday slow code net, held at 7:30 pm on the 146.88 repeater. Practice material available.

T-hunt: K6VVR reports the T-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. WB9VGJ will be hiding the transmitters. 2 transmitters will be hidden.

Food Bank: KB7TRE thanked everyone for their contributions.

OLD BUSINESS:

No Old Business.

NEW BUSINESS:

WB7UZV reported as Chair of the Field Day Committee. Better signage will be provided at the park entrance. AD7WW will be operating the BBQ station. Everyone is welcome to bring a pot-luck dish. K6UWV recommended beverages. A talk-in station will be operating on 146.880, 100Hz PL. A T-Hunt will be held on location. A map will be available on the club website (http://w7yrc.org/field_day.htm). KB7TRE will be providing the traditional Sunday morning breakfast. KV8TD reminds night operators to bring bug spray. A code will be provided to obtain parking passes at the kiosk.

AD7YR announced the Central Arizona DX Association is looking for operators for a centennial celebration station. Anyone interested can contact Jim Zimmerman at

n6kz@q.com .

AD7YR is soliciting members to be designated contact persons for the various annual club events. Designees will be able to draw on club members to form committees, and will have board members available for advisement. Nominees will be accepted at next month's meeting.

K7CBK read from an e-mail about AZ SB1111 – Wireless Devices While Driving. Which makes operating a wireless communication device while driving an offense, and there are no exceptions. Discussion followed.

Meeting adjourned at 1947 hrs.

50/50: \$43.50 was won by K6UWV.

Respectfully submitted,

George Imbrugia, AD7RL

YARC Secretary

Yavapai Amateur Radio Club Amateur Radio License Courses

A free one-day Technician License Class will be held Saturday, July 23, 2011, 8:00 a.m. – 5:00 p.m., at the Jeep Posse Building in Pioneer Park, behind the hockey rink.

This class is presented without charge by the Yavapai Amateur Radio Club as a service to the Amateur Radio community.

Students will need to obtain and bring a copy of the ARRL Ham Radio License Manual Revised 2nd Edition to class.

To pre-register for this class, or to receive notification of future classes, please send your request to classes@w7yrc.org

The class size has been limited to 30 people.

The Technician License Class is being sponsored by the Yavapai Amateur Radio Club and the Yavapai Jeep Posse.

Testing will be on Saturday, August 5, 2011 at the Jeep Posse Bldg at 9:00 A.M. It is requested that you register for the exam, email testing@w7yrc.org .

YAVAPAI AMATEUR RADIO CLUB

June 2011 Treasurer's Summary - Tom Griswold WN7E

Income

Date	Callsign	Name	Code	Check #	Amt. Paid	G. F. Amt.	Rep.Fund	ARRL
06/01/11	KE7DTR	Richard Bozeat	R A	1294	\$59.00	\$20.00	\$2.00	\$37.00
06/01/11	KF7PQY	Patricia Perkins	A N	1002	\$39.00	\$15.00		\$24.00
06/01/11	AD7TF	Richard Courtney	R	8531	\$20.00	\$18.00	\$2.00	
06/02/11	KF7PQV	Daniel L. Durocher	N	4322	\$20.00	\$18.00	\$2.00	
06/02/11	AD7WW	Will Taylor	R	cash	\$20.00	\$18.00	\$2.00	
06/03/11	KE7NAP	Ellis Rackoff	R	cash	\$20.00	\$18.00	\$2.00	
06/02/11	N7PJN	Fred Zimmerman	R	cash	\$20.00	\$18.00	\$2.00	
06/02/11	KF7PQW	John "Lloyd" Ewart	N	cash	\$20.00	\$18.00	\$2.00	
06/02/11	KF7FPD	Jerry Lawson	R	3833	\$20.00	\$18.00	\$2.00	
06/02/11	KF7MMQ	Donald Martin	N	2342	\$20.00	\$18.00	\$2.00	
06/02/11	AD7UR	Rich Myers	R	cash	\$20.00	\$18.00	\$2.00	
06/02/11	KB7AAH	Frank Stephenson	N	cash	\$20.00	\$18.00	\$2.00	
06/02/11	KB8NRI	Robert C. Armstrong	N	cash	\$20.00	\$18.00	\$2.00	
06/02/11	KF7PQY	Patty Perkins - Decal and Lg patch		cash	\$4.00	\$4.00		
06/02/11	KI6AHH	Tony Jackson - Decal		cash	\$1.00	\$1.00		
06/02/11	KE7KEV	Barbara Ashley	N	2094	\$20.00	\$18.00	\$2.00	
06/02/11		50/50		cash	\$87.00	\$87.00		
06/02/11	K6UWV	David Passell - donation		cash	\$20.00	\$20.00		
Income Totals					\$430.00	\$343.00	\$26.00	\$61.00

Expenses

06/02/11	K6UWV	David Passell - Refreshments		1060		\$19.33		
06/03/11		Allegra - newsletter		1061		\$28.22		
Total Expenses						\$47.55		

Beginning Balance	\$4,388.40							
January Income	\$343.00	Apr. End Repeater Fund				\$1,303.08		
		May 2011 Repeater Fund				\$26.00		
Sub Total	\$4,731.40	Interest				\$0.14		
Expenses	\$47.55	May Repeater Fund Bal.				\$1,329.22		
		ARRL Payments		Ck 1063		\$61.00		
General Fund Balance	\$4,683.85							
Net Loss/Gain	\$295.45							

Retiring?

You can retire to Arizona where

1. You are willing to park 3 blocks away because you found shade.
2. You've experienced condensation on your rear from the hot water in the toilet bowl.
3. You can drive for 4 hours in one direction and never leave town.
4. You have over 100 recipes for Mexican food.
5. You know that "dry heat" is comparable to what hits you in the face when you open your oven door.
6. The 4 seasons are: tolerable, hot, really hot, and ARE YOU KIDDING ME??!!



You can retire to California where

1. You make over \$250,000 and you still can't afford to buy a house.
2. The fastest part of your commute is going down your driveway.
3. You know how to eat an artichoke.
4. You drive your rented Mercedes to your neighborhood block party.
5. When someone asks you how far something is, you tell them how long it will take to get there rather than how many miles it is.
6. The 4 seasons are: Fire, Flood, Mud, and Drought.

You can retire to New York City where

1. You say "the city" and expect everyone to know you mean Manhattan.
2. You can get into a 4-hour argument about how to get from Columbus Circle to Battery Park, but can't find Wisconsin on a map.
3. You think Central Park is "nature."
4. You believe being able to swear at people in their own language makes you multi-lingual.
5. If you have a car, you've worn out a horn
6. You think eye contact is an act of aggression.

You can retire to Buffalo, N.Y. where

- 1.. You only have four spices: salt, pepper, ketchup, and Tabasco
2. Halloween costumes fit over parkas.
3. You have more than one recipe for deer.

4. Sexy lingerie is anything flannel with less than eight buttons.
5. The four seasons are: winter, still winter, almost winter, and construction.

You can retire to the South where

- 1.. You can rent a movie and buy bait in the same store.
2. "Y'all" is singular and "all y'all" is plural.
3. "He needed killin'" is a valid defense.
4. Everyone has 2 first names: Billy Bob, Jimmy Bob, Mary Sue, Betty Jean, Mary Beth, etc.
5. Everything is either "in yonder," "over yonder" or "out yonder." It's important to know the difference, too.

You can retire to Colorado where

1. You carry your \$3,000 mountain bike atop your \$500 car.
2. You tell your husband to pick up Granola on his way home and so he stops at the day care center.
3. A pass does not involve a football or dating.
4. The top of your head is bald, but you still have a pony tail.

You can retire to the Midwest where

1. You've never met any celebrities, but the mayor knows your name.
2. Your idea of a traffic jam is 10 cars waiting to pass a tractor.
3. You have had to switch from "heat" to "A/C" on the same day.
4. You end sentences with a preposition: "Where's my coat at?"
5. When asked how your trip was to any exotic place, you say, "It was different!"

AND You can retire to Florida where

1. You eat dinner at 3:15 in the afternoon.
2. All purchases include a coupon of some kind -- even houses and cars.
3. Everyone can recommend an excellent dermatologist.
4. Road construction never ends anywhere in the state.
5. Cars in front of you often appear to be driven by headless people. ■



By Lloyd, WA6ZZJ

ARES/RACES.....

There is still the Prescott Regional Response Exercise set for Tuesday, August 16, 2011. This will be a large scale exercise with ARES/RACES involvement. There should be more information available after the next exercise meeting this month.

AMATEUR OPERATORS KEPT BUSY IN MISSOURI.....

After a massive tornado hit Joplin Missouri, Amateur Radio Emergency Service (ARES) personnel were the only means of communications, between hospitals in Joplin and hospitals in Springfield, during the aftermath of the tornado when the normal infrastructure suffered heavy damage. Amateur Radio was the only reliable means of communications for the Red Cross between Joplin and Springfield as well. Communications was also established between Emergency Operations Centers (EOC's) with Amateur Radio. The tornado hit on May 22, 2011 and amateur operators were in service at several locations until May 30, 2011 when most stood down. SATERN continued operations for some time after that, supporting units in the field. Overall, amateur Radio operators put in close to 2000 man hours of operation in the incident.

Alabama amateurs were kept busy in late April when a tornado went through Tuscaloosa. There again, Amateur Radio was one of the only methods of communications for a short time.

WILDFIRES.....

Eastern and Southern Arizona have struggled with large wildfire in the last few weeks. The Wallow Fire is now the largest in state history, but the Monument Fire near Sierra Vista has destroyed more homes.

So far the Prescott area has been fortunate to escape large fires. There have been at least three wildfires in the area due to illegal fireworks, but our very capable fire departments have managed to extinguish them in relatively short order.

We have been under many Fire Weather watches and warnings as well as Red Flag warnings already this year due to the windy and extremely dry conditions. The 4th of July weekend is approaching and we hope to continue avoiding any large fires.

SPECIAL EVENT COMMUNICATIONS.....

September, once again looks to be a busy month for Special Event Communications with, once again, two events in the same day.

The next upcoming communications event will be the March of Dimes March for Babies on Saturday, September 10, 2011. This event is almost fully staffed already. There are only two more operating positions open at this time.

Following this the schedule goes:

Saturday, September 24, 2011 The Tour de Pee Vee 1/2 Marathon

Saturday, September 24, 2011 The Groom Creek Classic 1/2 Marathon

Friday and Saturday, September 30th & October 1st will be the Prescott Road Rally. ■

VE TESTING SCHEDULE

By Mary Vince, AB7NK

Friday, June 24, 2011 - 6:00 p.m.
This will be the last opportunity to take the General exam using the current study material.



Saturday, August 6, 2011 – 9:00 a.m.
Saturday, November 5, 2011 – 9:00 a.m.

We test for all license classes at all test sessions and walk-ins are allowed, however, pre-registration is preferred.

All testing will be held at the Jeep Posse Bldg in Pioneer Park, behind the hockey rink.

For more information or to pre-register, email 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.



The club participates in numerous public service events throughout the year. Checking into the net is a great way to make sure your radio equipment is functioning properly as well as keeping your radio skills top notch.

Various subjects are discussed on the net and if you have an idea, question or wish to sign up as net control, contact Neil, K7SEN at 775-2158 or k7sen@w7yrc.org.

A net control is needed for the month of July and August. You can sign up for a week, a couple weeks or the entire month. It is a great experience and you're with friends. The preamble and roster is available on the website, www.w7yrc.org, under the Weekly Net Tab. ■

For Sale

SB-200 Linear Amplifier.

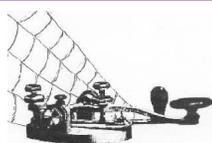
Good condition. Includes new power supply board, inrush current protection, reduced voltage keying and very quiet vacuum relay keying. Output power about 700 watts

for 50 watts input on 20 Meters, lower on 10 Meters. Full documentation included. **Asking \$400.**

Call Bud, N7CW, at 928-771-8267.

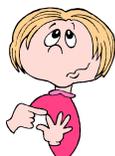
Silent Key

Ron Shumway, KI7IE, formerly N7NZD, became a silent key a couple of years ago, according to his son Paul. Ron was 91 and one of the club's original founding fathers.



Membership Count:

1st Thurs. in May.....177
Gain/Loss.....+6
1st Thurs. in June.....183



YARC Website



Work on the new website is underway. A new tab called **Contacts** has been put on the current website listing *easy to remember* email addresses for the current board as well as others responsible for various activities the club is involved in.

President - AD7YR	president@w7yrc.org
Vice President - WB7UZV	vice.president@w7yrc.org
Secretary - AD7RL	secretary@w7yrc.org
Treasurer - WN7E	treasurer@w7yrc.org
Board Member - K6VVR	k6vvr@w7yrc.org
Board Member - AD7WW	ad7ww@w7yrc.org
Board Member - K7SEN	k7sen@w7yrc.org
Board Member - KE7NAP	ke7nap@w7yrc.org

Arizona WAC Administrator	az-wac@w7yrc.org
Ask Elmer for Help	ask.elmer@w7yrc.org
Field Day Chairman	2011fd@w7yrc.org
License Classes	classes@w7yrc.org
Membership Application	membership@w7yrc.org
Newsletter Editor	newsletter@w7yrc.org
Program Inputs	programs@w7yrc.org
Public Service - DEC	public.service@w7yrc.org
Repeater Trustee	repeater@w7yrc.org
T-Hunts	foxhunt@w7yrc.org
VE Test Liaison	testing@w7yrc.org
YARC Party Coordinator	yarc.party@w7yrc.org

Webmaster	info@w7yrc.org
Webmaster	yarc@w7yrc.org
Webmaster	w7yrc@w7yrc.org
Webmaster	webmaster@w7yrc.org

YARC Officers for 2011

President	Vice President
Creighton Grotbeck, AD7YR cgrotbeck@gmail.com	Jim Ball, WB7UZV wb7uzv@gmail.com

Secretary	Treasurer
George Imburgia, AD7RL ad7rl@netsecs.us	Tom Griswold, WN7E mrgriz@cableone.net

Board of Directors (includes Club Officers)

Pete Morrison -- K6VVR
Will Taylor -- AD7WW
Ellis Rackoff -- KE7NAP
Neil Vince -- K7SEN

Newsletter Editor: Joe Oliver, AC6AA
newsletter@w7yrc.org

A Grid Square Expedition to Gooseneck State Park, UT

By Bud Semon, N7CW

The Prescott area has a fairly large group of hams that are active on 6 Meter SSB and CW, including W7JLC, WN7L, N6KZ, W7RCS, AD7TG, WD8DOT, K6CWB, N6SS and me, among others. You might ask, why do all these folks operate on 6? On 6 Meters, many hams collect grid squares, rather than states or countries. This is because on VHF, propagation is often limited to “line of sight” modes and communicating with other states or countries is pretty difficult. A grid square is a rectangle defined by each degree of latitude and 2 degrees of longitude. The entire planet is divided into these grids and they are specified by combinations of letters and numbers. Our local grid square is DM34. You can find much more detail, including how to locate your grid square (if you are outside of Prescott) at <http://www.arrl.org/grid-squares>.

The basic award for collecting grid squares is called VUCC (VHF/UHF Century Club) and is modeled after the DX Century Club award. On 6 Meters, you must collect QSLs from 100 grid squares to qualify for the basic award. There are endorsements for collecting more grid QSLs and the number of grid QSLs you must collect gets smaller at higher frequencies. If you have VHF or UHF QSLs you would like checked, see N6KZ - he can check them for you and save you the postage to the ARRL.

As you might expect, with the advent of most of the newer radios including 6 Meters, grid square collecting has become very popular. And, of course, some grids are easy to work (due to high populations) and others are more difficult. With so many local hams on 6 Meters, DM34 is not very rare! However, we live close to other grids that are very hard to work. These include DM56 and DM57, which cover the area around 4 Corners.

I decided to activate at least DM57 and possible DM56, if I had time. I invited Fred, N7PJN, to come along and maybe learn something about 6 Meter operating. In DM57, I wanted to find a place off the Indian reservations, where we could camp easily and discovered Gooseneck State Park in southern UT. Why is there a place called Gooseneck State Park?

Here is why:



That is the San Juan River, meandering around. Gooseneck State Park is at the end of the small black line.

Fred installed APRS in my car and we towed my small travel trailer, filled with all the requisite radio equipment. We arrived in the afternoon of Friday, June 3 and set up the radios and a 3 element 6 Meter yagi on 25 feet of mast. Of course, 6 Meters was dead. Fred set up his Winlink station and verified it was working by downloading some email. We were all set - all we needed was some sort of propagation.

We got up early on Saturday and of course, 6 Meters was still dead. So we decided to try for some meteor scatter (M/S) contacts. 6 Meter M/S is actually pretty easy - in addition to a radio and antenna all you need is a sound card and some free software. We fired up the radio and it promptly shut itself off! In my excitement when we arrived, I had forgotten to switch the trailer refrigerator from battery power to propane. So it had been keeping the beer cold all Friday afternoon and Saturday night on the 12 volt battery. So we quickly hooked up the car battery (engine running) to the trailer battery with jumper cables and got back on the air - sort of. In my excitement of troubleshooting the low battery voltage, I had turned down the radio output power from 100 watts to 10 watts and forgot to turn it back up. Note the theme here - in my excitement,



The views from the canyon edge are so panoramic they are difficult to capture, so here is a photo of some rafter/campers along the river (look carefully).

I forget stuff. I actually made 6 contacts on M/S running 10 watts, which is a testament to the skill of the operators on the other end. During the rest of the day, we re-charged the battery using Fred's solar panel, while occasionally working some folks during brief 6 Meter band openings. However, the trailer battery is a 220 AH battery and the solar panel supplied about 2.5 amps, so charging the battery would take 88 hours or so (of sunshine). But it helped a bit...

I brought a small laptop computer to use for logging and for M/S contacts and during the morning, the battery had run down, so we plugged in the car charger and went for a hike - the state park is a beautiful area. When we returned, we discovered that the car charger had failed and the computer was not fully charged. So I decided to log our remaining contacts by hand (paper and pencil - who could imagine such a thing?) and save the computer battery for M/S contacts on Sunday morning.

We got up Sunday and made a few more M/S contacts, since the band was not open for SSB contacts. I quit when the computer told me I had 2 hours of battery remaining. We quickly packed up and drove south into AZ and grid DM56. We set up on the side of a dirt road on the reservation and quickly discovered 2 problems. There was huge power line noise, which made any kind of contacts extremely difficult and we had apparently chosen a very busy reservation road - cars full of Indians drove by about every 5 minutes. Fortunately, our friendly smiles and waves were always returned with smiles and waves.

We struggled to make M/S contacts through the line noise (no other propagation of course) until the computer died. For the entire trip, I ended up with a total of 40 QSOs, including only 2 in DM56.

The drive home was hot and very slow, into a 30 mph headwind. We had to stop for gas every 100 miles or so, but we made it. Special thanks to Fred for putting up with my intense antenna set up instructions and providing good company through our series of mini-disasters!

Here is the QSL from those rare grid squares! ■



Get on HF for Free!

I have several working HF radios that need new temporary homes. Some are owned by ARES/RACES. All of them are older models, without the bells and whistles that modern radios have. Some actually have tubes. These radios have been sitting on shelves or in cabinets for a while, so they are lonely and need to be exercised. I would like to loan them to people who don't currently have the resources to buy an HF radio or who would like to try HF operation. Several YARC members have volunteered to help with installation and set up of the radios, antennas, accessories or whatever else is necessary for someone to get on the air. The only condition is that they be used - you must promise to get on the air regularly! These radios have been trained to come home if they aren't given proper stimulation! So, to be clear:

- 1) They are not for sale.
- 2) They are not to be used as back up radios for HF radios you already have.
- 3) There is no requirement to join ARES/RACES.
- 4) There is no requirement to use them for DXing, contesting, ragchewing or any other specific HF operating.
- 5) This is a loan. If, after using the radio, you decide you love HF, at some time in the future (maybe years from now), when you buy your own HF radio, you must return the radio or loan it to someone else (with my permission and under the same conditions). If you decide you hate HF, you can return the radio to me, with no re-stocking fee.

If you're interested in trying HF, call **Bud, N7CW**, at **928-771-8267**.

June Fox Hunt

By John Broughton, WB9VGJ

The June fox hunt, hidden transmitter hunt, was held Sunday, 6/5. I was the fox having been fortunate enough to tie for first with WB7UZV in finding the hidden transmitters in the parking garage downtown Prescott last month.

I would like to give my thanks to my neighbor WB7RFY who has been instrumental in getting me interested in fox hunting now and teaching me techniques that have proven very successful. I never was very interested in fox hunting before, having only gone on one or two back in Illinois. However, it seems that fox hunting in Prescott is just too much fun to miss out on. The hills, mountains and valleys make it an interesting challenge, albeit sometimes a little frustrating – Just ask K6VVR, W7BNW and KD5VRW about their time spent in The Crossings office complex on this hunt.

I chose Pioneer Park as the place to hide the two transmitters. It was an open area with lots of choices of hiding places and not near any of the hiding sites on any of the previous hunts I'd been involved in. K6VVR has done a great job providing the club with two transmitters and antennas for the hunt. The primary transmitter has a 1W signal and the secondary 'sniffer' transmitter has a 100mW signal. Lately, a dual transmitter hunt has become popular. Once a hunter finds the primary transmitter, he/she then 'sniffs' out the secondary transmitter. This adds more of a challenge and more fun to the hunt. Unfortunately, on this hunt, the 9V battery on the secondary transmitter died before any hunters got to the site, so it ended up being a one-transmitter hunt. Nevertheless, all the hunters had a good time and it was a successful hunt.

I thought I had made a smart move when I parked my vehicle behind some bushes on the opposite side of the parking lot from where I hid the transmitters so it would not be obvious to the hunters when they arrived. However, WB7UZV drove in from the side of the lot away from me and drove in my direction, so he spotted me and thought he had found the area where the transmitters were hidden. Little diversions like this, and sometimes putting out dummy antennas (it always works), make the hunts more interesting. I think hunters really believe a little frustration and misdirection in a hunt add something to it.

All the hunters found the transmitter, which is not always the case. WB7RFY was first, closely followed by WB7UZV. Even though they found the transmitter at the same time, WB7RFY left the starting point several minutes later than

WB7UZV. The score for finding the transmitter(s) is a combination of time taken and miles driven. K6VVR came in third, but drove the fewest miles. Unfortunately, his team lost valuable time when they took a reading in The Crossings. It seems there was an excellent path to where they stopped and they had a very strong signal, making it look like they were near the transmitter. It took them several minutes to discover they were not. This experience was just another challenging aspect of hunting in the hills and valleys of Prescott.



Jim, WB7UZV and Jeff, WB7RFY getting close to hidden transmitter.

I would strongly encourage anyone who has not yet gone on a fox hunt to come join us and ride with someone to see how much fun it can be. It is great fun and the restaurant get-together afterwards is always enjoyable.

More pictures of the fox hunt can be found at:
<http://tinyurl.com/3hw3y7f>

73, John, WB9VGJ

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,

2nd Floor; above Bank of America)

informal – all are invited

* Location data (per WGS84) provided

by Fred Zimmermann, N7PJN

Area Repeaters

Fre- quency	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				
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

For more Repeater Information & Listings refer to:

- www.w7ara.org/Web/
- www.azrepeaters.net
- 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

