



# YAVAPAI SIGNAL



The Yavapai Amateur Radio Club • Prescott, Arizona • DM-34 • Volume 26 - No.12 • December 2011



## MERRY CHRISTMAS



### From the President's Desk...



Holiday greetings!

My notes for this issue of the Yavapai Signal are very brief. We accomplished much as a group at our last meeting. I wish to thank everyone for their

patience and help with the election process. As we come to the end of another year, I would also like to thank the members of the Board of Directors past and present, whom I've had the privilege to work most closely with, and extend a fresh welcome to those who were newly elected or re-confirmed. It has been a year full of growth and change for the club, and although we perhaps did not complete every goal, much was accomplished. Of course there is more. We will set ourselves, as the year turns, on some new paths and see what may come of them. The direction and ability of the club to participate in the community throughout the year rests firmly on the efforts of our membership of dedicated operators. I'll have a few remarks set aside for the new year at the January meeting and as always, the board and myself welcome suggestions and feedback, particularly as we move forward with plans for 2012.

Until then, I would only remind and encourage members to attend the traditional YARC party and celebrate with us. Most of you, I hope, are aware of the details. If not, you may contact KE7NAP (Ellis) for complete information.

Creighton,  
AD7YR

### YARC Officers for 2011

#### President

Creighton Grotbeck, AD7YR  
president@w7yrc.org

#### Vice President

Ellis Rackoff, KE7NAP  
vice.president@w7yrc.org

#### Secretary

George Imburgia, AD7RL  
secretary@w7yrc.org

#### Treasurer

Tom Griswold, WN7E  
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

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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 November 3, 2011 Board Meeting



Meeting was called to order at 1800 hrs. by the President, AD7YR.

Also in attendance: KE7NAP, AD7WW, K6VVR, K7SEN, KV8TD, AD7RL and WN7E.

Nominations and nominating procedures discussed.

General Meeting agenda reviewed.

Field Day planning continued.

Ways to improve committee and project participation proposed.

KE7NAP reported on the annual YARC Party.

Club QSL Card samples examined.

Equipment donation opportunity discussed.

Future meeting programs explored.

Meeting adjourned at 1847 hrs.

## Minutes of November 3, 2011 General Meeting

Meeting was called to order at 1900 hrs. by the President, AD7YR.

Following the Pledge of Allegiance, introductions were made.

**Attendance:** 69 of whom 42 signed in.

Visitors welcomed.

New member KF7RHW welcomed unanimously.

**Minutes of the October 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.

**Shirts** are available from K6VVR.

### COMMITTEE REPORTS:

**VE:** The next testing session is November 5th, 9:00 AM at the Jeep Posse Building.

**Elmers:** K7SEN reports group doing great.

**ARES/RACES:** WA6ZZJ reports;

November 3rd through 5th, Operation Vigilant Guard is simulating a communications outage affecting all hospitals. The scenario involves a fictitious nuclear weapon attack on Phoenix.

For other upcoming events, see article in Newsletter.

**Newsletter:** AC6AA reports everything going along fine with the Yavapai Signal, and thanks all who have contributed.

**Refreshments:** K6UWV provided many refreshments to enjoy. Please recycle cans.

**Elmers:** K7SEN reports Elmers are doing wonderfully.

**School Clubs:** KB7TRE reports 7 active members, with 2 present, both working on their General class license.

**Net:** Wednesday night net on the 146.880 repeater at 7PM. Operators for net control always needed. K6VVR reports Slow Code net on Sunday evenings is up and running, doing well. Everybody's welcome, and any speed

will be accommodated.

**T-Hunt:** This Sunday, 1 PM, starting at the corner of Gail Gardner and Willow Creek Rd. Contact K6VVR.

WB7RFY and WB9VGJ found the transmitter(s) last month, and will be hiding them this month.

**Food Bank:** KB7TRE thanks everyone who donated food this evening.

KE7NAP reported on the **YARC Party**, at the Hotel St. Michael on January 14th, Noon to 3 PM.

**Badges:** KF7MAU is taking orders for badges.

### New Business

WB9VGJ announced an NRA Birthday event at Gunsite Academy on November 17th. Operating as K7NRA, everyone is welcome.

KB7TRE requested \$70 to provide food for this event. Unanimously approved.

AD7YR proposed having a technical round-table, connecting new hams with more experienced hams and operating opportunities at a future meeting.

K6UWV suggested establishing a monitoring schedule, to respond to traffic on the club's 146.880 MHz repeater.

K6VVR polled interest in an antenna projects program.

### Old Business

Nominations to fill expiring terms accepted.

KV8TD is nominated for Board of Directors.

KE7NAP unanimously elected to full 2 year term as Vice President.

KV8TD unanimously elected to full term on the Board of Directors.

K7SEN unanimously elected to full term on the Board of Directors.

AD7WW unanimously elected to full term on the Board of Directors.

KE7KEV unanimously elected to full 2 year term as Secretary.

KV8TD presented examples of possible club QSL cards.

AD7YR displayed a plaque from the YMCA for our sponsorship of the Whiskey Row Marathon.

Adjourned at 8:24 PM by AD7YR.

**50/50** of \$45 won by W7JPO.

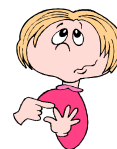
Respectfully submitted,

George Imburgia, AD7RL

YARC Secretary

### Membership Count:

1st Thurs. in October.....	183
Gain/Loss.....	+1*
1st Thurs. in November.....	184



\* Includes eleven 3-month memberships

## December Program

### *"Hands On" Radio Night*

*This is a opportunity for members to ask questions of our resident experts and perhaps get on the air using the school station, if they feel so inclined.*

### Christmas Humor...

It was Christmas eve, and Santa was really busy making his list and checking it twice, when there came a knock at the door.



His wife comes in. "Honey, where do you want me to put your boots and gloves?" Well, Santa is very busy and so he's slightly annoyed by this trivial question, so he snaps at her, "Put them by the front door, and stop bothering me. I'm trying to get some work done." He starts back to work, but a few minutes later an elf barges in. "Santa, we got all the toys wrapped, what should we do with them?" Santa snaps, "Stick 'em in the sleigh! Can't you see I'm trying to get ready? I don't want any more interruptions!" But sure enough, as soon as he starts back to work, there is another interruption. An angel, standing at the door, says, "Santa, I have your Christmas tree. Where would you like me to put it?" And this is where we get the tradition of placing an angel on top of the Christmas tree. ■

**YAVAPAI AMATEUR RADIO CLUB**

**November 2011 Treasurer's Summary - Tom Griswold WN7E**

**Income**

Date	Callsign	Name	Code	Check #	Amt. Paid	G. F. Amt.	Rep.Fund	ARRL
11/02/11	WB7RRQ	Bob Rosevear	R	1702	\$20.00	\$18.00	\$2.00	
11/02/11	KC7MTY	Judy Rosevear	R F					
11/03/11	W7HAM	Ralph Gendron	R	cash	\$20.00	\$18.00	\$2.00	
11/03/11	W7PAY	Sharon Gendron	R F					
11/03/11	KB7HH	Jack Garner	R	cash	\$20.00	\$18.00	\$2.00	
11/03/11	KF7RHW	Robert Sherrard	N	cash	\$20.00	\$18.00	\$2.00	
11/03/11	KC7BPI	Harold Berthold-decals/sm patch		cash	\$6.00	\$6.00		
11/03/11		Party payments received		checks	\$234.00	\$234.00		
11/03/11		50/50		cash	\$90.00	\$90.00		
<b>Income Totals</b>					<b>\$410.00</b>	<b>\$402.00</b>	<b>\$8.00</b>	<b>\$0.00</b>

**Expenses**

11/03/11	K6UWV	David Passell - refreshments		1082		\$11.93		
11/03/11	KB7TRE	Terry Pemberton - NRA event		1083		\$70.00		
11/03/11	W7JPO	Jerome O'Connor-50/50 winner		cash		\$45.00		
11/05/11		Allegra - newsletter		1084		\$28.22		
<b>Total Expenses</b>						<b>\$155.15</b>		

Beginning Balance	<b>\$5,042.39</b>		
Mon. Income	<b>\$410.00</b>	Oct. 2011 Repeater Fund	1348.91
		Nov. 2011 Repeater Income	\$8.00
Sub Total	<b>\$5,452.39</b>	Interest 31 Oct. 2011	\$0.18
Expenses	<b>\$155.15</b>	Nov. 2011 Repeater Fund Bal.	<b>\$1,357.09</b>
General Fund Balance	<b>\$5,297.24</b>	ARRL Payments	<b>\$0.00</b>
Net Loss/Gain	\$254.85	Sept. Income	\$410.00
		Cash out 50/50	\$45.00
		Deposit	\$365.00



## ***K7NRA Special Event Operation***

***By John Broughton, WB9VGJ***

The Nov. 17<sup>th</sup> Special Event operation, operating as K7NRA, from Gunsite Academy was a success. The band conditions were good, but there was QRM on the published frequencies for a good part of the operation. Mike, K7NRA, kicked off the operation on HF phone and several operators did an excellent job during the day, including Terry, KB7TRE, John, KE7D, Tom, WN7E, Doug, KV8TD, Dan, KF7PQV, and Roger, KD5VRW. Loren, AE7CG, operated the CW station.

We had 173 HF Phone contacts, 26 CW contacts (the first contact being with a U.K. station) and 30 2M contacts for a total of 229 contacts. Many contacts were made on 10 M, even though we did not advertise a 10 M frequency. We had a request to operate on 10 M to give Technicians a chance to work us on HF, and that turned out to be a very good idea, judged by the number of contacts on the band.

We had 14 amateurs attend the operation and one non-ham visitor, Terry's neighbor. He got a good idea of what the hobby is about and a tour of some of Gunsite's facilities. Several of us had a separate tour.

I would like to thank everyone involved in the operation; the socializing alone helps make this a most enjoyable annual event. Special thanks to Buz, K7GST, our gracious host, Mike, K7NRA, for the use of his call sign, Terry, KB7TRE, for the food and his efforts in helping coordinate the event and Loren, AE7CG, for getting us on the air with CW. You can see pictures I took at: <http://tinyurl.com/7pjdmp>

73, John, WB9VGJ



**Gunsite Academy Gate**

## **ARRL 2012 Southwestern Division Convention -- February 17-18, 2012**

Selected to be the site of the **ARRL Southwestern Division Convention** for 2012, the Yuma Hamfest will be different from any division-level convention you've ever attended. That may be good or bad, depending on your idea of what a division convention should be. If you expect a fancy hotel or convention center, with relatively high prices, you're likely to be disappointed. If you would rather have a relaxed environment and reasonable prices, you're going to be delighted.

Because of a lack of options, many conventions must be held in high overhead venues and their organizers are forced to charge attendees higher prices in order to recoup their costs. Those costs have been a recurring complaint among hams in recent years. If you agree that many division conventions have become too costly, the 2012 SW Convention is the one you will want to attend.

If you think the affordability and camaraderie have disappeared in most conventions, join us in Yuma for the **2012 ARRL Southwestern Division Convention** and rediscover the fun an ARRL convention can be.

### **We offer:**

- \$5.00 admission
- Free parking
- Relaxed fairgrounds environment
- A food concession operated by a professional chef
- Reasonably priced breakfasts and lunches
- Our famous \$10 "Buzzard BBQ" buffet-style banquet dinner
- Full seminar schedule in multiple tracks
- "Country Store" consignment sales area
- Antenna clinic & transmitter hunt
- License exams & upgrades
- Incredible grand prize package
- Commercial exhibitors in the indoor hall
- Outside tailgating
- On-site RV camping
- DXCC card checking



*By Lloyd, WA6ZZJ*

## **ARES/RACES.....**

### **VIGILANT GUARD EXERCISE...**

On November 4, 2011, Yavapai County ARES/RACES took part in an exercise that was called "the largest emergency response to simulated catastrophic events in Arizona's history". Our part was with Hospital and Health Department communications simulating an influx of mass casualty patients from the Phoenix area.

The Yavapai County EOC (YCEOC) ARES/RACES radio room was operational as K7YCA from 0650 until 1330 hours with four operators available. Radio contact was maintained with and between six different locations in Yavapai County.

These locations consisted of:

- Yavapai County Community Health Services (YCCHS)
- Yavapai Regional Medical Center (YRMC) West
- Yavapai Regional Medical Center East
- Prescott Veterans Administration Hospital
- Mountain Valley Rehabilitation Hospital in Prescott Valley (for overflow from YRMC East)
- Verde Valley Medical Center in Cottonwood

Communication was also maintained with the Arizona State Emergency Operations Center (SEOC) in Phoenix as well as with other locations adjacent to Yavapai County.

There was redundant communications maintained with the SEOC via the 800 MHz EOC network, the VHF DEMA radio network (this was busy with National Guard communication) and on amateur radio VHF and HF frequencies.

Local to the County EOC, communication with the area hospitals and the YCCHS was maintained on ARES/RACES VHF repeater frequencies. The 147.260 MHz Mt. Union and 147.260 MHz Mt. Francis repeaters were used for the Pres-

cott, Prescott Valley area and the 145.290 MHz Mingus Mountain repeater was used to maintain contact with the Verde Valley Medical Center and two other locations (Cottonwood Public Safety, Verde Valley Fire Station 31) in the Verde Valley. The Congress Fire Station install was also tested.

All locations, with the exception of Mountain Valley Rehabilitation, had pre-installed Amateur Radio equipment that was utilized. A crossband repeater was set up at Mountain Valley and used by operators at that site. YRMC East had an obstacle to overcome with no external antenna available so the operators there set up a temporary antenna which worked good. Again, in true Amateur Radio fashion these problems were worked around.

Message traffic was passed between the EOC and all locations and also between locations. There was also message traffic passed between the YCEOC and SEOC.

YCEOC maintained good HF communications with the SEOC on 7254 KHz after communications were switched from 3990 KHz. The YCEOC HF antenna doesn't do well on 75 meters.

Approximately 250 agencies and 8,000 participants (e.g., planners, players, controllers, evaluators, etc.) were involved in 2011 Statewide Vigilant Guard, an operations-based exercise designed to enhance the disaster preparedness of Arizona's emergency management agencies, local authorities, National Guard forces (from Arizona, California, Colorado, Utah, Nevada, and Minnesota), and U.S. Northern Command. The exercise ran Thursday through Sunday, Nov. 3 to 6, 2011, and involved simulated on-scene responses in several locations throughout Maricopa County.

### **A BIG THANK YOU TO THE ARES/RACES RESPONDERS TO VIGILANT GUARD:**

N7CW, AD7YR, W7JLC, W7BNW, AC7HP, N6KZ, KE7DTR, KV8TD, KF7PQW, KE7KEV, K2FRD, KE7HMJ, K7CBK, N7RIS, KØCKE, AA7OV, N6BDC, WA6TDU, KF7KXI, W5RT AND WA6ZZJ.

### **SPECIAL EVENT COMMUNICATIONS.....**

With our Special Event Communications season wrapping up in October, with the Step Out Walk for Diabetes, it is now time to start thinking about next year's events.

April will once again be a very busy month with one two day event and one three day event. It will start with the MS-

150, Ride the Vortex, bicycle event in the Verde Valley. This is the two day event running Saturday and Sunday, April 14 - 15, 2012. The event will begin and end at the Verde Valley Fairgrounds in Cottonwood. I have been meeting with organizers on this event since August and plans are steadily moving forward.

The magnitude of this event may require the cooperation of both YARC and the VVARA along with possible assistance from other organizations.

The second event, which is the three day operation, will be Friday, Saturday and Sunday, April 27, 28 and 29, 2012. This is the Whiskey Off Road Mountain Bike event in Prescott. Last year was the first for this being a three day ride and we were able to cover the route well with members stepping up to assist.

SO.... Put these events on your calendar. It's never too early to start planning your participation.... ■

## Seasons Greetings

### 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>

## Ask Elmer



By Neil Vince, K7SEN

If you have a question related to our club activities or a technical question, please send it to: [ask.elmer@w7yrc.org](mailto:ask.elmer@w7yrc.org). The answer may be of interest to other members and will be posted in the Newsletter.

### F. A. Q.

#### Is there going to be a General class given any-time soon? What about an Extra class?

Plans are being made to hold a General class after the beginning of the year. Send an email to: [classes@w7yrc.org](mailto:classes@w7yrc.org) for more information and to be put on the upcoming list.

#### I just got my license and a new handheld. Is there someone in the club that will program it for me?

Bring your radio and manual to a club meeting and we will try to find someone to help you program it. It is best if you learn to program your own radio rather than someone doing it for you.

#### Where can I find a list of programs for upcoming club meetings?

If a program has already been setup for the following month, it will be announced at the club meeting and appear in the newsletter and on front page of the website. There are times a program is not confirmed until after the meeting.

#### What size power supply do I need to run my H.F. radio?

At a minimum, a twenty (20) amp power supply will run most 100 watt H.F. rigs. However, a higher amperage power supply will give you greater capacity.

#### Can I run both my 2 meter radio and H.F. radio off of the same power supply?

Yes, high current draw only occurs during transmit and you will only be transmitting on one radio at a time. During receive, both radios will draw very little amperage. ■

## **VE TESTING**

**By Mary Vince, AB7NK**

**License Testing**



### **November 5, 2011 Test Results**

On a cold, snowy Saturday morning, seven applicants eagerly arrived at the Jeep Posse Building ready to take their exams.

This exam session resulted in one new Technician, three upgrades to General and one upgrade to Extra.

Congratulations to all on their new licenses.

### **2011 TESTING RECAP**

In order to keep Special Service Club (SCC) status, the club is obligated to hold test sessions throughout the year. During 2011, the Prescott VE Team held 7 test sessions with a total of 81 applicants which has resulted in 49 new Technicians, 15 General upgrades and 7 Extra class upgrades.

Much of this success is due to the volunteer instructors who have given many hours in preparing and holding the technician classes this past year. These classes undoubtedly contributed to the number of new technicians.

If you have any questions about upcoming classes, please email [classes@w7yrc.org](mailto:classes@w7yrc.org) and be sure to check the club's website under the classes tab for any updates.

Thank you to the club for sponsoring our test sessions, the Jeep Posse for allowing us the use of their facilities for our test sessions and lastly, all the VE's who so willingly give of their time. It has been a great 2011!

### **2012 VE Testing Schedule**

Saturday – February 4, 2012 9:00 A.M.

Friday – May 4, 2012 6:00 P.M.

Saturday - August 11, 2012 9:00 A.M.

Saturday - November 3, 2012 9:00 A.M.

## **Ham Equipment for Sale**



- YEASU ATAS-25, Manually-tuned Portable Antenna. Covers these Amateur bands: 7/14/21/28/50/144/430 MHz. **\$60.00**
- ALINCO DJ-296 “220 MHz HT. - **\$35.00** “Needs new battery pack and charger”
- KENWOOD TM-241A, “2 FM Meter Mobile Transceiver” - **\$35.00**
- ARROW-II AMSAT Antenna - **\$50.00**
- 220 mobile Antenna - **\$25.00**
- 10 Meter Mobile Antenna - **\$20.00**

Gary Shapiro – WD8DOT

(928) 775-0606

[gshapiro57@cableone.net](mailto:gshapiro57@cableone.net)

## **Net Controls Needed!**

Net Controls are needed in December for the Wednesday Evening Net at 7:00 p.m. on the 146.880 Repeater.

Contact Neil, K7SEN at (928) 775-2158.



## **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.

## *Early Volunteer Testing*

*By Dick Hughes, W6CCD*

The “A Bit of History...” article in November’s Signal reminded me of the early beginnings of volunteer testing by hams. Although the Volunteer Examiner program as we know it today began in 1984, there was another program 30 years earlier that could be considered the origin of today’s VE program.

In July 1951, when the FCC eliminated the old A, B and C licensing structure, five new classes were originated, including the Novice and Technician licenses. Both required sending and receiving code at 5 WPM. The Novice license was for one year and non-renewable. The Technician license had the same written exam as the new General class license.

By 1954, the Novice and Technician licenses had become so popular, the FCC started a “Proctor” program whereby anyone at least 21 years old, and holding a General or higher class license, could be a volunteer examiner for the Novice and Technician licenses. This became the only way one of these license tests could be taken. These tests could also be given by someone holding a commercial radiotelegraph license, or the operator of a manually-operated radiotelegraph station for the U.S. Government.

The tests were given in two parts. The first was the code test. The applicant had to demonstrate the ability to send and receive 5 WPM with perfect send/copy for one minute out of five. The examiner then sent the applicant’s Form 605 and check or money order to the FCC in Gettysburg Pennsylvania requesting examination papers for the appropriate license. The submittal had to include the name and permanent address of the examiner and applicant, a description of the examiner’s qualifications, and a statement that the applicant had passed the code test under his or her supervision within the last 10 days.

Upon receipt of the application in Gettysburg, the FCC then sent the examination envelope to the volunteer examiner. After receipt, the applicant took the test under the continuous supervision of the examiner. These papers had to be returned to the FCC within 20 days. If successful, the applicant would receive the license in a few weeks. If unsuccessful, the applicant would be notified, but would not be told what questions were missed.

We should be thankful that we don’t have to go through all that today. The present VE procedure is a far cry from what was required nearly 60 years ago. I gave a couple of those tests, and can remember feeling that the FCC was in the room watching over my shoulder!

Of course the testing today is also much different from the testing in the mid 20<sup>th</sup> Century. How many of us today could draw the diagram of two types of frequency-modulation receiver detection circuits, or the schematic of an RF doubler stage driving a neutralized push-pull power amplifier using triodes, showing the methods of interstage coupling and indicating the relative resonance frequencies of the grid and plate circuits? But I digress. That’s a subject for another time. ■

73, Dick – W6CCD

### *VEC Program History*

by Maria Somma AB1FM – ARRL/VEC Manager

In late 1982, the Goldwater-Wirth Bill was passed by Congress and signed into law by President Ronald Reagan. This bill, known as Public Law 97-259, amended the Communications Act of 1934, permitting the FCC to accept the voluntary and uncompensated services of licensed radio amateurs to serve in preparing and administering examinations. The amateur community would conduct the testing itself under a new Volunteer Examiner (VE) Program drafted by the ARRL with the FCC staff.

On July 21, 1984, the ARRL and FCC signed a Volunteer Examiner Coordinator (VEC) Memorandum of Agreement at the ARRL National Convention in New York City. The agreement officially authorized the ARRL to accredit VEs and coordinate exam sessions. Over 4,000 Advanced and Extra class licensees applied to serve.

The first ARRL VEC exam session was held soon thereafter on September 2, 1984, at the ARRL Pacific Division Convention in California. By the end of 1985, ARRL VEC averaged about 55 sessions a week. The ARRL VEC was on its way. ■

# November Foxhunt

By John Broughton, WB9VGJ

The monthly foxhunt was held 11/6. Jeff, WB7RFY, and I hid the transmitters. We hid the two transmitters adjacent to a parking lot at Yavapai College.

There were two teams of hunters composed of five hunters. One team was composed of Jim, WB7UZV, and Frank, KF7ANX. The other team was composed of Pete, K6VVR, Diane, KE7ODP, and Dennis, KF7INF.

The weather was cold and blustery, in the 40s. It was not real pleasant when the wind was blowing and the sun was behind a cloud.

However, the weather did not deter the determined hunters. WB7UZV and KF7ANX arrived first. However, K6VVR, KE7ODP and KF7INF arrived not long after. Having left the starting point several minutes after Jim and Frank, there was not much difference in the combined time and miles when computing who found the primary transmitter first. Frank and Jim beat out the other team by a slight margin and Frank was the first on to find the primary transmitter with Jim almost immediately afterwards. So, congratulations to Frank for being first and to Jim for being second.

Everyone enjoyed the hunt. As Pete and Diane were very devious in hiding the secondary transmitter for the Oct. hunt, Diane was expecting Jeff and me to be extra devious, so she was searching in every possible nook and cranny. Sometimes not being too devious can be devious, hi, hi.



**Frank Strassell, KF7ANX -was first to find the Primary Transmitter**

We had a nice social get-together at Denny's. The hot coffee really hit the spot. There was more coffee drinking and less iced tea drinking than usual. And, several of us can attest to the fact that the French silk pie (99 cents, pie-of-the-day special) was just delicious.

We would encourage more folks to get involved in the hidden transmitter hunts. They are really fun and help develop direction-finding skills.

Additional pictures of the hunt can be seen at:

<http://tinyurl.com/7thtpcl>

73,

John, WB9VGJ



## Upcoming Events

- **January 14, 2012** - YARC Annual Party at Hotel St. Michael.
- **February 4, 2012** - VE Testing Session
- **February 17-18, 2012** -ARRL Southwestern Division Convention - Yuma, Arizona
- **April 14-15, 2012** - MS 150 Ride the Vortex Bicycle Event in the Verde Valley.
- **April 27,28, & 29, 2012** - Whiskey Off Road Mountain Bike Event.

## 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** (928) 775-2158  
**Jim Ball , WB7UZV** (928) 445-2997  
**Will Taylor, AD7WW** (928) 445-1717



# YARC Annual Party

Hotel St. Michael  
205 W. Gurley Street  
Prescott, AZ 86301

Saturday, January 14, 2012  
12 PM - 3 PM

Name: \_\_\_\_\_ Call Sign: \_\_\_\_\_

Please print this form for each person attending.

Please make check payable to YARC in the amount of \$26 per person which includes gratuity.

Please send to: Ellis Rackoff Ke7nap, 7043 E. Lobo Way, Prescott Valley AZ 86314.

Circle selection below:

1. Mahi Mahi fish and chips
2. London Broil with roasted red potatoes
3. Grilled Chicken with pasta
4. Vegetarian choice with wild rice

All entrees served with a side salad, dinner rolls and butter plus Chocolate Mousse cake for dessert.

Any special needs, please contact me at: 928 775 5462 or email - [ke7nap@q.com](mailto:ke7nap@q.com)

All checks and reservations MUST be received by no later than January 5th, which is our meeting night.

## Area Repeaters

### Weekly Breakfasts



#### **Wed. Morning Breakfast:**

**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*

#### **Saturday Breakfast:**

**at 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	W10Q/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**

**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

