

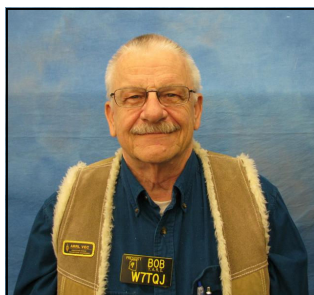


YAVAPAI SIGNAL



The Yavapai Amateur Radio Club • Prescott, Arizona • DM-34 • Volume 24 – No. 4 • April 2009

From The President's Desk ...



The Start Of The Busy Season – March is about the time of the year that the busy season starts for YARC. By this, I mean its the start of the season that encompasses The Prescott Hamfest, Field Day, The Whisky Row Marathon,

etc. And this means that a lot of our club members will soon be very busy with one or more of these events, and many more already on the horizon.

This got me to thinking about the public service commitment that YARC has to the community, which turns out is the combined result of each and every club member's individual commitment to not only YARC, but the community in general.

None of the events I mentioned above are possible without the participating members of YARC, each volunteering their individual time, effort, operating expertise, and sometimes money. It's this kind of effort that makes this club visible, not only to the local community, but to ARRL, who just presented YARC with the "SPECIAL SERVICE CLUB" Certificate.

This certificate was presented to YARC on December 10, 2008 and reads:

This certificate indicates the club's commitment for the next two years to improve the visibility of Amateur Radio as a positive force in the community, assist in emergencies, provide and encourage training, and to further club activities for the betterment of the membership and the Amateur Radio Service.

That's a pretty tall order if you sit down and think about it, but it's what's been happening year after year with YARC, and it's due to each and every one of you that volunteer to participate in these community events. You each make it look so easy, and you do it so effortlessly, yet your efforts combined are the reason YARC received the Special Service Club Award. No small feat.

So to each and every one of you YARC public service volunteers, I take my hat off. Your plate is certainly very full for the upcoming "Busy Season", but I also know you'll handle it with ease, and do it with aplomb. I thank you for your contribution, each and every one.

Bob Erdmann – W7TQJ
President, Yavapi Amateur Radio Club

YARC Officers for 2009

President	Vice President
Bob Erdmann, W7TQJ W7TQJ@cableone.net	Pete Morrison, K6VVR pm_service@earthlink.net
Secretary	Treasurer
Jeff Hanna, WB7RFY jeff668@commspeed.net	Mary Vince, AB7NK ab7nk@ARRL.net
Board of Directors (includes Club Officers)	
Terry Pemberton -- KB7TRE	
Tom Griswold -- N6LSA	
Richard Bozeat – KE7DTR	
Walter Schumann – KF6SPS	
Newsletter Editor: Joe Oliver, AC6AA	

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This Room is Equipped with Tesla

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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 March 5, 2009 Board Meeting



Meeting was called to order at 1820 hrs. by the President, W7TQJ. Also in attendance:

KB7TRE, KF6SPS, KE7DTR, N6LSA, K6VVR, AB7NK, & WB7RFY.

Considerable time was spent discussing future programs and program ideas. Stealth antennas, wire antennas and tuners to be planned. Possible pairing of mini program geared to basics with shorter topics.

Statehood day QSL cards were presented.

Need to find qualified assistance for webmaster within the membership.

Life time memberships were again discussed, on motion of KB7TRE, second by KF7SPS and unanimous vote proposed action was approved.

Need a new lead for After Christmas Party, 2010; will solicit at tonight's meeting.

Hamfest: Chairman KB7TRE has well in hand; several volunteers still needed. Plan for more intensive clean-up after this year's event. Raffle prizes reviewed.

Field Day Coordinator needed; KB7TRE will do if no one steps forward. Picnic/food will again be coordinated by W5VJH & W5GBG. KA7JAS will coordinate equipment, set-up and tear-down. WA6ZZJ is coordinating site at WILLOW LAKE, but event coordinator needed.

Treasurer addressed requirement to

maintain funds in interest bearing account which is not currently set-up.

On motion of K6VVR, second by KE7DTR, and unanimous approval: Article V, section 4 of the By-laws reading "n interest bearing" is temporary suspended while under Board review. Initial discussion was that in current conditions, earnings would be well under one dollar per month, with fees probably higher. Internet banking access was also requested, on motion of KB7TRE, second of KF6SPS and unanimous approval.

Prescott Unified School District Superintendent has received last Yavapai Signal, and has asked to republish excerpts in the school district newsletter.

Meeting adjourned at 1858 hrs.

Respectfully submitted,

Jeff Hanna

Secretary

Minutes of March 5, 2009 General Meeting

Meeting was called to order at 1903 hrs. by the President, W7TQJ. Following the Pledge of Allegiance, introductions were made.

Attendance: 81 of whom 52 signed in. Visitors included KE7TDR, KD7HH, Rebecca, & K7KOL, a past president.

Minutes: of February 05, 2009 meeting, on motion of K7POF, second of N0DAJ, were accepted as published.

New Members: On motion of WB9VGJ, second of WA6ZZJ, and no dissenting votes heard:

KF6OLN, Steve Murray; KF6VUD, Lu Murray; KF7ANQ, Tom Humes; KF7ANR, Mary DeLeon; AD7YR, Creighton Grotbeck; KF7ANS, William

Brooks; K7IOG, Ernie DeLeon; KF7ANT, Sue Drown; KF7ANW, Danielle Stephenson; KF7ANX, Frank Strassell; KE7NM, William Bowers; KE7VWN, Debbie Burkett; KF7ANY, Richard Walther; KF7ANZ, Larry McCarthy; & KF7ANV, John Dibble; were accepted into the membership. Later in the meeting, on motion of WA6ZZJ, second of K7IOG, and no dissenting votes: WB7NFX, Sherwin Heaton; was also voted into the membership.

Treasurer: AB7NK reports beginning balance of \$ 1741.72; ending balance of \$ 1452.40, and repeater fund balance of \$ 505.92. Upon question noted adjustment from printed report. Report accepted as read.

COMMITTEE REPORTS:

ARES/RACES: WA6ZZJ April 18th training meeting has been cancelled. Several exercises upcoming. With regrets, N7WWX, David Lee Pearson of Wickenburg was reported as a silent key. See ARES/RACES article for more info.

Newsletter: No report, but spontaneous applause to Joe, AC6AA for our consistently outstanding newsletter.

Patches: The Treasurer has both sizes available (\$3.00 ea) and club 'stickers' are available for \$ 1.00 each.

Shirts: W6CCD only has 1 M and 1 Lg remaining. On motion of KB7TRE, second of N6LSA and no dissenting, Dick was directed to order an adequate supply. For pre-orders, including application of name/call, please contact at W6CCD@ARRL.net.

VE Testing: AB7NK repeated upcoming schedule of all testing levels available on March 14, April 4th, & May 30th as published. On February 21 there were 21 applicants resulting in 11 new Technicians, 3 Generals & 5

Extras, including KF7ANW who at age 8 is the youngest successful testee the team has logged, and AD7YR progressed from no license to extra in this one session.

IRLP: W7JLC reports all working well, has overheard many England and other contacts. IRLP is easy way to demonstrate ham radio.

Classes: W7JLC encourages any prospective Extras to sign-up for this round, as with limited response it may be a year or longer before another extra class is scheduled after March 21 & 28 courses. jscra@cablone.net. Great thanks to all the Volunteer instructors for class series.

School Clubs: Bradshaw Mountain W7BMB club report via N5RO has been reorganizing after losing some membership, but a recent drive brought in 15 new interested students. Have been on IRLP and local VHF.

Article on school club was recently in Prescott Valley Tribune.

Granite Mountain K7GMG club report via KB7TRE reports on successful Statehood Day event at Sharlot Hall Museum with great participation. KE7YAD made QSL cards for the event. Prescott School District Fair had display from club that interested the District Superintendent. Currently have about 10 active members. School banner is now on display.

Elmer: KA7JAS reports all OK.

Refreshments: K6UWV says eat, drink, and recycle.

Young Hams Net: KI6AHH reports OK; please join in 147.22+ (162.2 Hz pl) every Sunday at 7:00 pm local. All welcome.

Slow Code Net: WB7UZV reports

limited participants, but reports of a great number of listeners. Each Sunday, 146.88- (100 Hz pl) about 7:30 pm after Youth net.

Fox Hunts: K6VVR has transmitter in testing; plan on first 'official' hunt at Field Day.

Club Net: W7TQJ encourages all to participate in the Wednesday evening, 7:00 pm net on 146.88- (100 Hz pl).

Programs: Committee is still requesting your input of what topics you would have interest in. A survey is being conducted tonight. Future plans include: May will be a program on tuners and antennas & Hamfest discussions; June on Field Day Operations and Ham Radio Deluxe Programs.

Hamfest: KB7TRE has in hand; will be counting on every ones' assistance and support. Saturday, May 30th.

Field Day: WA6ZZJ has pictures of site at Willow Lake; contact KA7JAS to help plan set-up.

NEW BUSINESS:

After Christmas Party: Leader requested for 2010; quiet response. Consider volunteering.

SSC: The Clubs continuing status as a special service club was acknowledged via a large certificate from ARRL, which was presented by the President for the members review.

anchors: N5RO, as a fund raiser for the Bradshaw Mountain Middle School Group, listed several items for sale or donation, including a 10m beam, Force 12 antenna, Collins rack mount receiver, Hallicrafters receiver with VFO, Trident 4 transceiver...contact N5RO@arrl.net.

Announcement: N7CW is opening his station for the weekend of March 27, 28, and 29 for the worked all prefixes

28, and 29 for the worked all prefixes single sideband contest. Contact N7CW@cableone.net.

Tonight's Program: Introduction to QSL'ing by Bud Seimon, N7CW. Will draw for 2 \$50.00 QSL prizes after the presentation, with some restrictions (won by KB7VBG & W7TQJ). PPT Program is available at <http://www.n7cw.com/download.html>.

50/50 Drawing: \$ 75.00 won by N5RO.

On motion of WB9VGJ, second of KF6SPS, and no dissenting votes, meeting was adjourned at 2000 hrs.

Respectfully Submitted,

Jeff Hanna, WB7RFY

YARC Secretary

April Program

April's Program will be presented by Pete Morrison, K6VVR and Dick Hughes, W6CCD. Their topic will be "**How to get started in beginning Foxhunting / hidden Transmitter hunts**".



Postage increase

The price of a first class stamp continues to increase and will go up to 44 cents on May 11. Forever Stamps purchased prior to May 11 can be used to mail letters after the price changes..



The US Postal Service adjusts its mailing service prices each May. By law, these prices can increase on average no more than the rate of inflation as measured by the Consumer Price Index.

As a reminder, the cost of printing and mailing a copy of our newsletter is about \$1.25. If you are able to download the Yavapai Signal from the YARC website, please do so. Also, notify Jeff Hanna, WB7RFY at jeff668@commspeed.net if you currently receive a printed newsletter, but no longer will require one. ■

VE Tidbits



by Mary Vince – AB7NK

First, I like to thank the VE's for their hard work. Each and every one of you are equally important to the VE team, just as every position on the day of testing is equally important. My job is made so much easier because of the work you do.

A special thanks to Bob, WB6ODR, who attended the last testing one day after surgery. His dedication was definitely above and beyond the realm of volunteering. Thank you Bob and all the VE's who participated.

Test results for March 14th are as follows:

13 applicants

7 upgrades to General; 2 exams aced

2 upgrades to Extra

Congratulations to all the new upgrades!

The next testing session will be held, April 4th at Embry Riddle Bldg #75 at 9:00 A.M. All license classes will be testing.

May 30th is the Prescott Hamfest at Granite Mountain Middle School. We'll hold testing in Room #404 at 9:00 A.M.

Congratulations again to all the new upgrades. ■

Upcoming Events

- **March 21 & 28, 2009** - Amateur Radio Extra Class License Class
- **April 3, 2009** - Wildfire Exercise
- **April 4, 2009** - VE Testing at Embry Riddle
- **April 17 - 19, 2009** - DX Convention in Visalia, CA
- **April 18, 2009** - Wildfire Expo at Courthouse Square
- **April 25, 2009** - Whiskey Off Road 2009
- **May 1 - 3, 2009** - Pacificon 2009 in Reno, NV
- **May 2, 2009** - Whiskey Row Marathon
- **May 30, 2009** - Annual Prescott Hamfest & VE Testing



By Lloyd, WA6ZZJ

ARES/RACES.....

TRAINING MEETING...

The next regularly scheduled training meeting will be on Saturday, June 6, 2009 with time and location to be announced.

UPCOMING EVENTS...

WILDFIRE EXERCISE...

Friday, April 3, 2009 is the date set for the annual Wildfire Exercise. This is a yearly Exercise held to prepare for the upcoming Fire Season. ARES/RACES is involved along with other response agencies in the area. This will be a two day exercise, but at this time ARES/RACES will only be involved on the first day.

Some of the agencies involved will include the US Forest Service, All local Fire Departments (area wide), Yavapai County Emergency Management, ARES/RACES, Yavapai County Jeep Posse, Yavapai County Sheriff's Office, American Red Cross, etc..

The scenario will be a wildfire in the area with the Emergency Operations Center (EOC) being activated and evacuations taking place along with the fire fighting efforts.

WILDFIRE EXPO...

Saturday, April 18, 2009 will be the annual Wildfire Expo being held at the Prescott Courthouse Square. The MARC, ARES/RACES and Emergency Communications will be on display along with other agencies and organizations. It will be from 10:00 in the morning until 3:00 in the afternoon. Last year an estimated 3000 people attended this event.

SPECIAL EVENT COMMUNICATIONS.....

Whiskey Off Road 2009...

The Whiskey Off Road will be the first event for this year. It will be held on Saturday, April 25, 2009. This is a mountain bike event on trails in the Prescott National Forest. There will be three different lengths of rides which will include 15 mile, 25 mile and 50 mile distances. The 50 mile ride will go as far as Skull Valley. The radio assignments will include staggered start and ending times at our communications locations.

This year there will also be a Concert at the conclusion of the event and all YARC members are welcome to attend.

This will be the second year that YARC has provided communications for this event. There was a signup sheet at the March meeting, but there is still room for more if you wish to participate. More information will be available at the April Meeting.

Whiskey Row Marathon

The 31st running of the Whiskey Row Marathon will be on Saturday, May 2, 2009. This will be the 11th consecutive year that YARC has provided communications for this event. This is one of the toughest marathons in the United States due to its elevation gain. It starts out at 5280 feet and goes to over 7000 feet in the first seven miles and then drops down to just over 6000 feet at the 13.1 mile turn around point where the runners go back over the same route. There is also a Half Marathon, 10K and 2 mile fun run walk with this event.

The sign up sheet at the April meeting had several members signing up, but there is still always room for more. This is an early morning event with some stations opening as early as 05:00 and others opening as runners advance along the route, with the event shutting down at 12:00 noon.

Special Event Communications is an excellent way to get practice in Emergency Communications. There is practice operating in a controlled net, setting up under field conditions and handling tactical as well as some written messages. This is also one of the conditions under which YARC can maintain its ARRL 'Special Service Club' status. ■

THE RAGNAR DEL SOL RELAY RACE.....

By Lloyd Halgunseth, WA6ZZJ

What do you have with 183 teams of twelve runners, some with such team names as 'A Dozen Ding Dongs', 'Victorious Secret', 'Road Kill' and 'The Big Kahunas', eager to run an almost 202 mile relay race? You have the Ragnar Del Sol Relay Race. This 201.9 mile relay race started at Watson Lake Park in Prescott on Friday, February 27th and ended in Mesa on Saturday, February 28th. This was the third year for the Del Sol, but the first time for a start in Prescott. The first two years were run from Wickenburg to Mesa. Each member of a team runs three legs of the race which may vary in length from 3 to 7 miles.



Runner Check In - Photo by AB7NK

The Ragnar Race Series started in 2004 with the 'Ragnar Relay Wasatch Back' in Utah and has since expanded to a series of four races taking place in Utah, Washington, Minnesota and Arizona.

Who was Ragnar?? Ragnar was a 9th century Norse King. He was a pirate, a raider, a conqueror, an explorer, and a wild man. The tough, fearless, rugged attributes of this Norse King are shared by all who participate in a Ragnar Relay. In much the same way, a Ragnar Relay provides runners the freedom to roam, to explore - a free-spirited curiosity to get out there and experience outdoor adventure. And maybe even to conquer.

In a Ragnar Relay the wild nature of this Norse King is embraced by many participants. These participants aren't



Photo by AB7NK

afraid to paint their van plaid, to bring along their own hair band, to join together in yelling as they cross the finish line. You may think that you are not one of them, but you are. Everyone has a wild side and nothing brings it out of you like a Ragnar Relay. Long live the Ragnar in us all.

With the race starting in Prescott this year, we were asked by the Maricopa County Emergency Communications Group (MCECG) to assist with the special event communications for the race. Our part was to handle the first 6 of 36 'Exchange Points' (where the baton was passed from one runner to another) which covered from Prescott to Kirkland.

The YARC communications end involved a total of twenty two operators with some starting as early as 05:30 and some finishing as late as 21:30 that night. The first race group started at 07:00 with approximately 32 runners and continued with a group every hour with 30+/- runners each time. The first runner through each 'Exchange' was kept track of and the time he/she left that 'Exchange'.

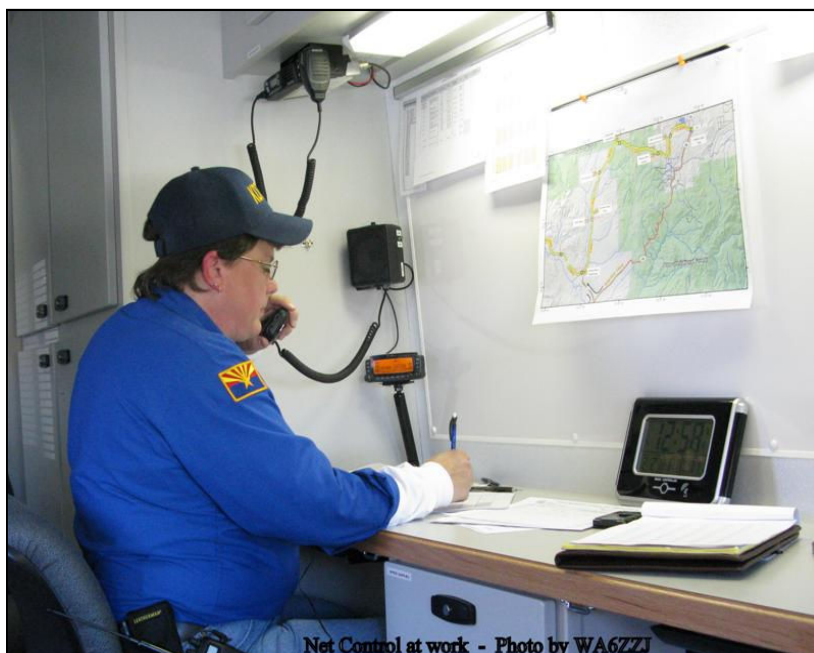


Exchange 3 - Photo by K7POF

Then the times and team numbers were tracked for the first hour and this information passed to the main net control in Phoenix. Our operators then continued to keep track of times and numbers until the last runners went through their 'Exchange'.

The overall consensus was that communications went well for this event and we received excellent comments from the MCECG who thanked us for doing our part in the event.

Amateurs taking part were: KD7VBG, AB7NK, NØDAJ, KE7UVV, KE7HWP, N6LSA, WB7UZV, WA6AQK, K7CJW, KF6SPS, AD7WW, W7POF, K7POF, N7CW, KC7CBK, KE7WOQ, WB7RFY, AAØRI, NØGAC, AD7UR, WB7RRQ and WA6ZZJ. Thanks to all for your help. Events like this cannot be handled without dedicated people such as you assisting. ■



US Amateur Radio License Statistics

Is the Amateur Radio population in the United States increasing or decreasing? Based on the data shown below from AH0A's website <http://www.ah0a.org>, the total US Ham population has increased slightly over the past few years. The Table shows the total number of current, unexpired Amateur licenses (i.e., the numbers do not include licenses in the 2 year grace period after their expiration). The numbers are derived from the FCC database.

FCC Licensees by License Class

Year	Ending Month	Extra	Ad- vanced	General	Tech	Novice	Total
2008	Dec	115,625	62,104	144,832	322,660	18,343	663,564
2007	Dec	112,022	65,368	142,680	315,314	20,458	655,842
2006	Dec	108,223	69,915	131,224	323,073	23,633	656,068
2005	Dec	107,440	74,221	135,067	319,125	26,747	662,600
2004	Dec	106,090	77,948	138,292	319,742	29,765	671,837
2003	Dec	104,894	82,034	141,498	322,821	32,812	684,059
2002	Dec	103,257	84,326	139,848	321,805	36,072	685,308
2001	Dec	97,977	86,545	138,625	319,735	40,155	683,037
2000	Dec	93,807	88,783	134,144	319,874	45,632	682,240
1999	Dec	75,392	103,471	110,386	335,768	52,375	677,392

The big changes have been in the class of license. In 2000 the FCC stopped issuing new Novice, Tech Plus, and Advanced licenses, as well as reducing the code and written testing. The number of Novice and Advanced licenses have decreased from attrition and upgrades, as shown in the Table, while the number of Extras and Generals have increased due to new licenses and upgrades. Technician numbers are the result of upgrades from Novice, new licenses, and renewals as Technician.

There are some folks who are of the opinion that the actual number of "active" amateurs are far less than shown above. They point out that it is important to remember that licenses in the United States are issued on a ten year expiration cycle, so many de-

ceased hams are not reported, but are still in the FCC database until their license expires. They feel that others may lose interest, perhaps almost immediately, and still remain in the database until their license expires years later. With the ever-aging ham population and fewer youthful newcomers into the hobby, there is concern that ham radio is slowly dying.

While the FCC database may have a lag time reporting numbers of active amateurs, it still is a useful tool for developing overall trends. ■

Yavapai Amateur Radio Club

Treasurer's Summary

March 2009

By Mary Vince, AB7NK
Treasurer

Income

* Membership New/Renewals	10 @18.00	\$ 180.00
Repeater Fund (New/Renewals)	10 @ 2.00	20.00
Repeater Fund		5.00
Patches/stickers/shirts		5.00
Fifty-fifty		150.00
ARRL - Renewals		<u>47.00</u>
Total Income		\$407.00

Expenses

Ck #1067	KB7TRE	Terry Pemberton	coffee	\$ 12.61
Ck #1068	K6UWV	David Passel	refreshments	27.07
Ck #1069	Allegra	Inv #'s 41821, 41672 & 41094		131.76
Cash	N5RO	Jim Clark	50/50	75.00
Ck #1070	WB7RFY	Jeff Hanna	repmt ARRL KE7IXS & KE7VWN	<u>45.00</u>
Total Expenses				\$291.44

**Beginning Balance	2/23/09	\$ 2,301.15
Income		407.00
Expenses		<291.44>
General Fund Balance	1/19/09	\$ 2,391.71
Repeater Fund Balance	1/19/09	\$ 530.92

*Itemized copy on file

**Balance difference from previous months due to subtracting entire repeater fund from general fund rather than amount for the month. Check book & bank balance have always reconciled. Previous months redone and on file.

It doesn't get much better than this

By Mary Vince, AB7NK

The best part of being a VE is informing applicants they've passed. Good news, whether it's telling a technician they have passed or informing an individual they've earned an upgrade to General or Extra is definitely one of the most rewarding experiences of being a VE. Breaking the news to an applicant that didn't quite make it is extremely difficult. Individuals are always encouraged to retest that same day or at another test session.

July 11, 2007, our youngest applicant, (at that time) 9 year old Katie passed her technician exam. What a thrill for all the VE's participating in the testing session that day. After having to break the news to her on a few occasions that she hadn't passed, I could hardly wait for the grading to be completed to give her the news. The proud look on grandpa's face told it all.



September 2007 – Katie, KE7ODI and Megan, KE7NAW at the NRA Special Event held at Gunsite at the ham shack of Buz Mills, K7GST.

Team would ever experience this determined young lady would ace the general exam. Yes, she had 35 out of 35 correct!!! Congratulations KE7ODI.

After getting over her mic fright, Caitlyn (Katie), KE7ODI spends most of her radio time on 6 meters or on 2 meters talking to her friend Megan, KE7NAW. Katie and Megan both love the pile-up they create on 6 meters.

In the January 2008 newsletter, Katie, KE7ODI and her grandpa, Ken, W7MHW were featured as Hams of the Month. Grandpa, Ken, W7MHW, like most hams, has several radios in his shack. Katie eyes the IC-756 Pro III – look out grandpa!

At the first testing session of 2008, Katie, KE7ODI came ready to take her General test, however it just wasn't meant to be that day. The next testing she tried again, and once again it wasn't meant to be. There was going to be another testing in 3 weeks and Katie looked me in the eye and said she was going to pass next time! Little did we know, or ever expect, that at the age of 11, our VE

See Katie , Page 10

Musings for the Day

Submitted by Dick Diddams, W7QHE

If you're not familiar with the work of Steven Wright, he's the famous erudite scientist who once said: "I woke up one morning, and all of my stuff had been stolen and replaced by exact duplicates." His mind sees things differently than most of us do, to our amazement and amusement. Here are just a few of his gems:

- 1 - I'd kill for a Nobel Peace Prize.
- 2 - Borrow money from pessimists -- they don't expect it back.
- 3 - Half the people you know are below average.
- 4 - 99% of lawyers give the rest a bad name
- 5 - 82.7% of all statistics are made up on the spot
- 6 - A conscience is what hurts when all your other parts feel so good. ■

● **Katie (Continued from Page 9)**

Grandpa had told her if she passed the test she would have a radio in her room by that evening. He was planning on the Icom 735, however, Katie had other ideas. Since she aced the test, she thought she should have the IC-756 Pro III. What's a grandpa to do? Give her the IC-756 Pro III, of course.

The first state Katie had a QSO with as a General, was Alaska and then Japan. She worked 19 states on 17 and 40 meters by Monday. As a technician she'd worked 29 states on 6 meters.

She is now studying for the extra. Congratulations on your upgrade!



December 2008, Katie, KE7ODI, Technician, operating an IC-756 Pro III at Grandpa's shack with W7WHM as control operator.



KE7ODI, operating HER Pro III from her shack in her bedroom.

Caitlyn wasn't the only highlight that day. KE7WOI also aced the General exam that day. We've had several people ace the Extra exam, two of which are YL's!

Caitlyn may be the youngest General success story to date, but is not the only successful applicant at this particular testing session. Tony, KI6AHH, who has taken the General exams more times than he cares to think about, won't have to think about those times any longer. In the FCC database, KI6AHH is now a General class licensee. Tony never gave up and is a great example to everyone that if you want something bad enough, all you need to do is set your goal, work hard and never give up. Congratulations Tony, KI6AHH on your recent upgrade.

For Caitlyn, Tony and all the other applicants who upgraded on March 14th – great job! ■

Membership Count:
 1st Thurs. in Feb.....**159**
 Gain/Loss.....**+16**
 1st Thurs. in March..**175***

** Includes 25 3-Month Memberships*

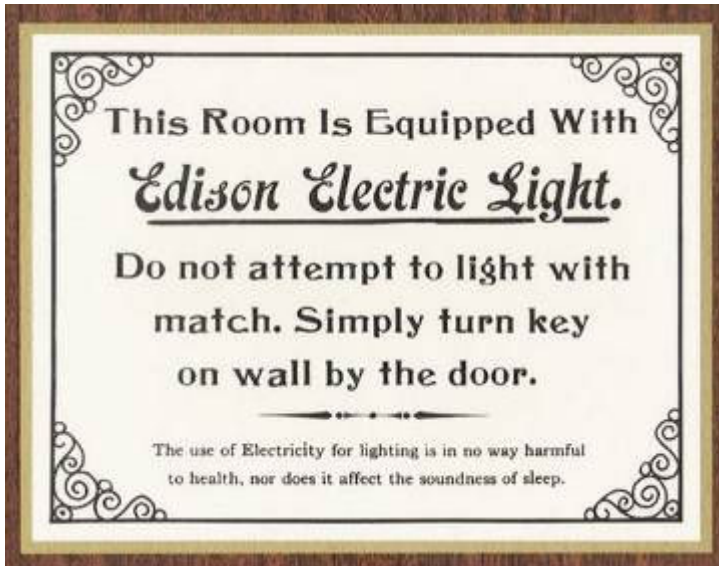
Need a Hand? If you need assistance, we want to help you. If you are just starting out in ham radio, or simply have run across something that you could use a hand with... technical assistance or answers to questions about the Yavapai Amateur Radio Club, are available from knowledgeable club members.

Don't Hesitate to Ask for Help!!
 Call Neil Vince, KA7JAS at: (928) 775-2158

This Room is Equipped with Tesla Alternating Current

Article and Tesla sign by Wesley Treat. Used with permission.

You can access Wesley's website at www.roadsideresort.com



Reportedly, they still display the above sign at the historic National Hotel in Jamestown, California.



Your room may be equipped with Edison electric light, but those new-fangled bulbs wouldn't be good for much at all if it weren't for a man named Nikola Tesla.

Before the turn of the century, Thomas Edison and Tesla were engaged in a battle known as the War of Currents. Edison was a staunch proponent of direct-current electricity, while Tesla was an advocate of alternating current. Tesla was confident that AC was the way of the future, but Edison had already sunk a great deal of time, energy and money into DC.

The problem was that DC required expensive, high-maintenance converters to transform between voltages. AC, on the other hand, could do the same thing with less expensive and more efficient equipment, making it more effective in overcoming current loss over great distances. Tesla knew this and continued to promote AC for wide distribution.

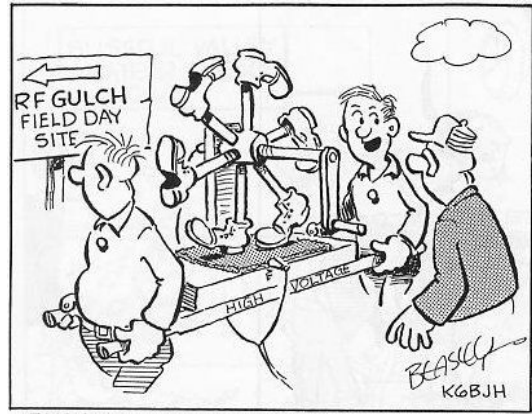
Edison wasn't ready to admit his system's shortcomings, though, and in retaliation, he arranged publicity stunts in which he electrocuted dogs, horses, even an elephant, using AC in an attempt to show how dangerous AC was and to discredit Tesla. (Edison did not, of course, reveal that DC would've killed the animals all the same.)

Regardless, Tesla eventually proved the value of alternating current, and AC subsequently became the power of choice for American homes and businesses. Resistance, from neither copper nor Edison, remained a problem.

In honor of his accomplishment, I've designed a vintage-style sign (shown left) in an attempt to attribute a fair share of the credit to Nikola Tesla for those gasless lamps you're now enjoying. ■



IF YOU CAN FIND US SOME MORE SCRAPS OF NYLON CARPET, WE'VE GOT A STANDBY GENERATOR.



WHAT IS IT NOW? SEEMS LIKE YOU'RE ALWAYS YELLING ABOUT SOMETHING!

Reprinted with permission from Bob Beasley, K6BJH

Weekly Breakfasts



Tues. Morning Breakfast:

7:00 a.m. at

Back Burner Cafe

8400 E. Long Mesa Drive
& N. Robert Road
Informal – all are invited.

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, N7PJJ

Area Repeaters

Frequency	PL	Location	Owner/Club	Auto-Patch	Rem. BaseOr Linked	Vo IP	Notes:
52.560-	100.0	Mt. Union	N7NGM			Echo	-500KHz Offset
53.040-	None	Prescott Airport	WB7BYV				-1MHz Offset
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				
147.040+	107.2	Prescott Heights	W2YAV				
147.140+	162.2	Flagstaff/-Mt. Elden	ARA		Linked to Mt. Ord 147.360-		
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	
445.300-	100.0	Prescott	WINSYSTEM		Node 3727	IRLP	
448.475-	100.0	Flagstaff-Elden	ARA	Yes			
448.500-	100.0	Prescott	K6JSI				
448.875-	100.0	Flagstaff-Elden	Northlink		Linked		
449.175-	100.0	Towers Mountain	Northlink		Linked		
449.675-	88.50	Prescott Airport	WB7BYV		Linked to P Mtn. 927.3875		
927.3875-	151.4	Prescott	WB7BYV	Yes	Yes	Echo	Be Nice

Y.A.R.C. IRLP NODE
Node Number 3182
442.350+ MHz with a
PL Tone of 100.0 Hz

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 Bob Smith, WB6ODR, our Webmaster

