



YAVAPAI SIGNAL



The Yavapai Amateur Radio Club • Prescott, Arizona • DM-34 • Volume 24 – No.12 • December 2009

Season's Greetings

From The Presidents's Desk ...



Hello Again:

With the holidays rapidly approaching, we all have many things placing demands on our already busy schedules. In the past six weeks, we've had a Technician License Class, and several VE test sessions covering both sides of the mountain. A BIG welcome to all of the new licensed hams, and the Up Grades, as a result. I'm sure there are many other items I have failed to mention and give credit to.

Jack Crabtree, W7JLC is conducting a class " Got the license, now what? Getting on the air". Jim Ball, WB7UZV, and I will be assisting Jack with some of the demonstrations, and explanations of available equipment. Hopefully, new hams will receive enough information to pick the best equipment for their needs. We should all endeavor to assist any new Ham get on the air. I feel this is a great opportunity for us to share some of our knowledge and experience. Do You Remember Your Mentors?

The NRA Special Event at Gunsite Academy in Paulden, AZ on November 17, 2009 was a great experience for all who attended. If you have not taken the opportunity to attend this event, plan on doing so next year. Many thanks to John WB9VGJ, Terry KB7TRE, and Mike K7NRA for all of their help. A special thanks to Buz K7GST for providing the facility and equipment to operate this Special Event. Last but not least, thanks to all of the Hams and their guests who participated, thus making the NRA's 138th birthday such a great event!

The last T-hunt was won by Bob, WB6ODR, and his wife Linda, KD7EEO. They turned the T-hunt transmitter

over to me to hide next time, rather than postpone their vacation to Hawaii. GO FIGURE! Just think, they wouldn't delay going to Hawaii on Vacation, and requested I find a place to hide the transmitter. Hi. Hi. The enthusiasm towards T-hunting is growing; we had eight teams looking for the hidden transmitter during the last T-hunt. Keep up the good work! Next time, try to participate or be an observer, and ride with someone else, in the next T-hunt.

The club has received national recognition in the December 2009 issue of CQ magazine. Check out page 85 where there is a great article on the AZ-WAC award. Thanks to Mary AB7NK, for all of her effort and hard work to get this award project off and running.

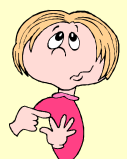
Pete -K6VVR

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Membership Count:

2nd Thurs. in October.....	177
Gain/Loss.....	+8
1st Thurs. in November.....	185



* Includes 9, 3-Month Memberships

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 5, 2009 Board Meeting



Meeting was called to order at 1808 by the President, K6VVR. Also in attendance: KB7TRE, KF6SPS, KE7DTR, WB7UZV, AB7NK, & WB7RFY.

Upcoming programs were reviewed, options discussed.

Upcoming publicized Special Event at Gunsite reviewed.

Website – remains tabled.

Celebrity status of AE7AT noted

Pending motion for joint Board meeting with VVARA, progress reviewed.

Annual Party refocusing discussed. Motion by AB7NK, second by KB7TRE, unanimous.

Yahoo site; <http://groups.yahoo.com/group/yavapaiarc/> is still active, but well underused.

Elections tonight; procedures reviewed.

On motion of KF6SPS, second of WB7UZV, and no dissenting, meeting was adjourned at 1840 hrs.

Minutes of November 5, 2009 General Meeting

Meeting was called to order at 1903 hrs.

Following the Pledge of Allegiance, introductions were made.

Attendance: 73 of whom 62 signed in. Visitors included Isabelle Powers, KE7WYY, KE7WYX, & WA7ZHJ & Steve Coe.

Minutes of the October 1 meeting were approved with noted correction, on motion of KB7TRE, second of KF6SPS and no dissenting

New members, on motion of WB9VGJ, second of KF6SPS and no dissenting: KF7FPJ, Paul Dounn; KF7FPL, Mark Weidenhaft; KF7FPN, Norman Delucchi; KF7FPF, Ginger Hancock; KD7DUE, David Hancock; KF7FPI, Clyde DeRouen; KF7FOZ, Diego Tasso; KF7FPB, Arthur Swiggers; VE6RVT, Ron Potter; & KF7FPD, Jerry Lawson were welcomed into the club.

Treasurer: AB7NK reports starting balance of \$3688.87, ending balance of \$3729.91, & repeater fund balance of \$818.92. On motion of K7IOG, second of N7CQO & no dissenting, report accepted as read.

COMMITTEE REPORTS:

ARES/RACES: WA6ZZJ thanks all volunteers who participated in public service events this last season. Read thank you on behalf of Diabetes walk organizers. Previewed SET county wide activation on Nov. 24th. Field Day 2009 results: of 2612 entries, W7YRC ranked 814th.

Newsletter: AC6AA has nothing to report.

VE: Session on October 24 had 21 applicants resulting in 12 Technicians and 6 Generals. A special session is scheduled in Cottonwood on Nov 7th, and then the last session of this year will be on Saturday, Nov. 21st at ERAU, reports AB7NK. If upgrading, you must present original & copy of current license and any CSCE.

Patches: Treasurer has two sizes available at \$3.00 each and club decals for \$ 1.00.

Shirts: are available through W6CCD at \$19.00.

Badges: are available through WB6ODR for \$ 6.75.

Repeater: Committee reports no complaints.

IRLP: is up & running reports W7JLC.

Classes: were held at ERAU Oct. 10th, & in Cottonwood Oct 31st. Both had about 19 students. A follow-up titled "I Got My License, Now What" is open to all, but especially for new licensees and will include operating overview, proper ID'ing, station set-up, repeaters, privileges, on air etiquette, ARRL, clubs, all types of equipment and mobile installations, etc... ERAU Dec 5th, Cottonwood Dec 12th, both 9:00 am until? If you have an extra license manual, or usable equipment to help all get started, contact W7JLC at jskra@cableone.net.

Elmer: KA7JAS thanked AD7UR & Ron for help with several large loads of parts, components, and radios donated to YARC by K7LRJ of Yarnell in October. With sadness, it was reported that **K7LRJ became a silent key this week.**

Refreshments: K6UWV says enjoy and please recycle. Birthday cake in honor of K6VVR (today). Other yum-mies provided by KI7JZ.

School Clubs: Granite Mountain reports 10 active students. Bradshaw Mountain offered no report.

NETS: Young Hams of Yavapai County: 147.22+ 162.2 Hz pl, Sunday, 1900 hrs. KI6AHH encourages youth and new licensees to check-in. **Slow-code** on club repeater Sundays about 7:30 pm; enhance your radio fun and use cw. WB7UZV has several types of code practice materials available to borrow. **Club Net:** 146.88- 100

Hz pl, Wednesdays at 7:00 pm. Accepting net controls for 2010. If you cannot commit to a full month, sharing is possible.

Fox-Hunt: Recent hunt won by W7JLC/KA7LKW/KE7WOU, but AD7ZJ will hide for next hunt on Sunday, Nov. 8th at 1:00 pm, True Value parking lot.

Philanthropic: As valued by the Yavapai Food Bank, our donations to date total \$121.00. KB7TRE thanks all for the support of our community.

AZ-WAC: is operational and anticipating influx after QST & CQ blurbs reports administrator AB7KE; details on the club website.

Annual Party: reservation forms are now available.; choice of Beef, Chicken or fish for \$22.50 complete. Door prizes include a dual band VHF/UHF mobile radio.

OLD BUSINESS:

NRA Special Event, details in November newsletter, is November 17th. Publication in NRA journal & QST was noted.

Pending meeting between YARC & VVARA boards is being pursued; scheduling is an ongoing endeavor.

NEW BUSINESS:

Nominating Committee reports via KB7TRE: offered Jim Ball, WB7UZV for Vice-President; George Imbrugia, AD7RL for Secretary; Walter Schumann, KF6SPS for Board Member; KE7DTR for Board Member, & Will Taylor, AD7WW for Board Member. These candidates would fill all open positions. President called for additional nominations from the floor; no response. WB7RFY moved to close Nominations. AB7NK seconds. President called for vote on slate as presented. Loud affirmative; no dissenting

heard. Committee nominees were all congratulated on their election and willingness to serve.

Honor: WB9VGJ rose to request a few moments of silence for the victims at Ft. Hood today, 13 dead, 31 wounded.

Policy change requested by N7CW who motions that dues notices be sent out month before they expire. Current policy is to notify those whose dues are more than one month past due. Second by KF6BTV, passed with no dissenting votes.

Announcements: KC8BOB shared that October Prescott Road Rally had 54 ham volunteers, and organizers were very pleased and offered thanks to all. N7CW will be participating in CQ world wide from Sierra Leone as 9L5A Thanksgiving weekend and week prior, please got on the air and work them that weekend.

AE7CG@arrl.net is looking for anyone with programming software & cable for Yaesu FT-2800 for assistance. KF7ANQ rose to thank the club and members for excelling camaraderie, as he will be moving to Snowflake by year's end.

Tonight's Program: Published author and retired instructor, Steve Coe, will present "Enjoying the night sky" and will discuss what you can see with simple equipment.

50/50 drawing of \$ 87.00 was won by AD7ZK, who donated proceeds to K7GMG, Granite Mountain Middle School club.

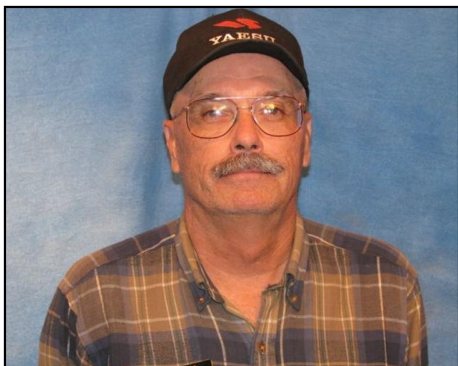
Meeting was adjourned at 2016 on motion of KF6OLN, second K6UWV, & no dissenting.

Respectfully submitted,

Jeff Hanna, WB7RFY
YARC Secretary

New Officers and Members-at-Large Elected

A new Vice-President, Secretary, and Board members (Members-at-Large) have been elected in accordance with the YARC Bylaws. Their term of office will begin on January 1, 2010. Congratulations to all.



Jim Ball, WB7UZV - Vice-President



George Imbrugia, AD7RL - Secretary

----- **New Board Members (Members-at-Large)** -----



Walter Schumann, KF6SPS



Richard Bozeat, KE7DTR



Will Taylor, AD7WW

NCVEC to Release New Technician Question Pool to Public in January 2010

The Question Pool Committee (QPC) of the National Conference of Volunteer Examiner Coordinators (NCVEC) is due to release the new Technician class (Element 2) question pool to the 14 VECs on December 1, 2009; it will be released to the public in January 2010. Each question pool for the three Amateur Radio license classes -- Technician, General and Amateur Extra -- is reviewed on a four-year rotation. This new Technician class pool will become effective on July 1, 2010.

The new question pool will become effective for all examinations administered on or after July 1, 2010, and it will remain valid until June 30, 2014. The current Technician question pool that became effective July 1, 2006 will expire June 30, 2010. The new Technician pool contains approximately 400 questions, from which 35 are selected for an Element 2 examination. This question pool will contain graphics and diagrams, something new for this element. ■

October 24, 2009 VE Test Results

There were twenty-one applicants which resulted in twelve technicians and six generals. Four of the six generals had taken both the technician and general exams. Two were upgrades.

Congratulations to all the new and upgraded licensees. Welcome to the Ham Radio Family.

Special VE Testing - Cottonwood

The Prescott VE Team held a special test session in Cottonwood, Saturday, November 07, 2009.

Nine applicants took fourteen elements which resulted in seven technicians and one general.

Congratulations to all the new licensees.



ARES/RACES.....

November Training Meeting Annual Simulated Emergency Test (SET)

The exercise scenario was that there had been a severe outbreak of the H1N1 virus in Yavapai County. Although not calling it a pandemic, County Health has called for mass inoculations as soon as possible and within limits of the vaccine available. People with respiratory disease and children are to be first to receive the vaccine.



By Lloyd, WA6ZZJ

ARES/RACES is called up by the Yavapai County Office of Emergency Management as the County EOC is activated. Yavapai County Community Health Services also request communications from the various Points of Distribution and inoculation centers in the County to assure expedited delivery of the vaccine to inoculation points.

Inoculation areas are established in Prescott, Prescott Valley, Chino Valley, Cottonwood, Sedona and Congress. ARES/RACES communications is established between these areas and the County EOC as well as the Yavapai County Community Health Services office in Prescott. Operators are also sent to the various distribution points in the County for necessary communications if needed.

I want to say THANK YOU to all who participated. Everyone did what needed to be done. It is dedicated members such as you that help make ARES/RACES the organization that it is. It is all one big team effort.

A Simulated Emergency Test (SET) report will be submitted to the ARRL on this event.

SPECIAL EVENT COMMUNICATIONS.....

YARC was involved in special event communications for eight events in 2009 with a total conservative estimate of 1135 man hours of volunteer time contributed (the actual event hours plus the many hours of planning that goes into preparing for the event). The year 2010 looks to be bigger and better than 2009 with the comeback of the Skull Valley Loop Challenge bicycle event on September 19th. If September of next year is anything like this past year, it is going to be a very busy month again and there may be some possible date conflicts, so more operators are going to be needed.

Special Event Communications is a very important part of Amateur Radio. It helps YARC maintain its ARRL Special Service Club designation and at the same time provides a service to the communities in which we participate and the organizations we provide the communications for. The organizers always pass along the same comment "that they couldn't do it without us".

A breakdown of the events:

<u>Date</u>	<u>Event</u>	<u>Operator's</u>	<u>Man Hours</u>
February 27 th	Ragnar Relay Race	21	225
April 25 th	Whiskey Off Road Mtn Bike	21	160
May 2 nd	Whiskey Row Marathon	23	140
September 12 th	March of Dimes March for Babies	10	45
September 19 th	Tour De Pee Vee 1/2 Marathon	12	50
September 26 th	Groom Creek Classic 1/2 Marathon	13	65
October 2 nd and 3 rd	Prescott Road Rally	40	400
October 17 th	Step Out for Diabetes Walk	11	50

Start planning now to take part in one of the events coming up in 2010. You will find that not only does providing communications at these events give us excellent practice for emergency communications, but it also spotlights Amateur Radio in the public eye. And besides... you will find that it's also fun... ■

A cautionary tale

By Paul Honore' W6IAM

For weeks I've been fighting a battle of wills with a software supplier over an upgrade that I paid for and downloaded from his own website but which failed to install properly. Bypassing a battery of computerized barriers to contact a real human being turned out to be a Herculean task and upon achieving the near-impossible, I was met with a level of denial and arrogance I hadn't encountered for many years and which resurrected memory of a long-forgotten encounter with a German manufacturer over a faulty component.

At the time I was a partner in a consulting firm with several industrial clients, one of whom imported and installed food processing machinery. One of the products imported was a metal detector made in Germany. Now you might ask, "What has metal detecting to do with food processing?" Well, it's like this. From time to time, bits of machinery break off and drop into things they're not supposed to - like boxes of frozen peas. Since packaged food is sold by weight, it's not considered sporting to insinuate nuts and bolts into the mix. Therefore, in a typical processing plant, metal detectors monitor conveyor belts carrying food products and actuate movable arms to eject offending boxes.

Suddenly, metal detectors in several processing plants began to fling boxes of food all over the place whether they contained bits of metal or not. That's when I got called in to troubleshoot.

These particular metal detectors were real brutes - 50 pound sealed metal boxes with no way to get at the electronics inside. I obtained a "sacrificial" unit and sawed through the casing to expose a solid mass of "foamstoff." After chipping away enough of the compound to reveal the power supply, a look-see with an oscilloscope quickly revealed the fault. There was enough ripple on the output to make the circuit unstable.

Under normal circumstances this would have led to a quick fix and the job would have been over almost before it

VE Testing Results

By Mary, AB7NK

There were 19 applicants at the test session held at Embry Riddle on November 21, 2009. Ten technicians have joined the ham radio family as well as 6 upgrading to general. Four applicants aced the technician and two aced the general exams. Others only missed one or two questions.

Several VE's were sick and unable to assist at this testing which made it a real challenge for those who did participate. When the first applicant had finished testing there were still nine others waiting to check in. All went well, and we were finished in a fraction under two hours.

Thanks to Jack W7JLC, for arranging the rooms for us to use for our test sessions this past year, as well as Embry Riddle for allowing us the use of their facilities.

On behalf of the VE Team, we'd like to thank the club for the support we've been given over the years. While doing some research, I discovered the club has sponsored the Prescott VE Team since its inception and we greatly appreciate your support. ■

began. Not so in this case. I found myself butting heads with factory engineers who denied emphatically that the problem could be with their metal detectors. Letters and phone calls got me nowhere so it was decided that I should fly to Germany to confront the manufacturer directly.

I arrived in Aachen on a cold October morning and made my way to Hans B-----Fabrikgesellschaft AG, where I was immediately taken to the owner and chief designer, Herr Professor Doktor Hans B----- himself. He received me in his "eagles nest" suite that occupied the top floor of the building.

His was a top-down organization with himself at the top, middle management one floor down, sales and purchasing on the next; engineering and prototyping below that and manufacturing at the bottom. The Herr Professor Doktor made it clear that he was displeased with me for bringing the integrity of his product into question but after some discussion and several cups of strong black coffee, it was agreed that I should have free access of the factory. "It will be shown", he said curtly, ". that there can be no fault with a B-----. metal detector."

See A cautionary tale, Page 8

● **A cautionary tale** *(Continued from Page 7)*

I began at the assembly line where I discovered that high power supply ripple was recognized by the assembly technicians and had been known for some time! The head of testing and certification had written several memos to engineering, all of which had been curtly rebuffed as “unmöglich.” I ascended to the next floor where white smocked engineers were busying themselves with a future product. They assured me that nothing whatsoever could be wrong with a B---- metal detector. To prove the point, one fellow went to a file and pulled out a weighty stack of papers on the model in question. “See here,” he pointed to a trace made by a recording oscillograph, “It clearly shows power supply ripple to be within specification.”

The date, penned neatly on the chart showed that it had been recorded five years earlier. “Have you checked the power supply recently,” I asked? He looked at me as if I’d come from another planet. “This was recorded when the machine was put into production. It is perfectly correct.”

There was a Tektronix oscilloscope on a cart in the corner of the room. I asked if a unit from the production line could be brought upstairs. I would demonstrate that there was indeed a problem with the power supply. He reluctantly ordered it done. As I knew it would, the scope showed a very high ripple on the power supply.

The engineer was dumbfounded. “This cannot be,” he exclaimed. “The data clearly show...” An investigation revealed that a purchasing agent had taken it upon himself to save a few cents per unit by changing suppliers for some of the components. Substituting a filter capacitor with a different type brought the unit within specification.

The entire production run was recalled and new units shipped. Problem solved. If anyone in the B----- hierarchy had been willing to communicate with anyone beneath his professional status, the problem would have been solved internally and I would have been out of a job.

So, what am I saying here? Just this -- Nothing is certain when it comes to either hardware or software. Assume nothing. Trust nothing. Question everything. Test everything. And if you make any substitutions test again to be sure!

So what about my software upgrade? Frustrated, I did what I should have in the first place. I purchased an upgrade disk from Costco. It installed perfectly. Now all I have to do is convince the supplier to refund the purchase price of the version I bought over the internet. ■

Funny Answering Machine Messages

These are from the days when we actually had little computer machines that would answer the telephone for us. Intuitively enough, they were called “answering machines.” Roughly akin to voice mail today, but when they came out, they were quite novel. Thus, they were the source of much amusement.

“If you are a burglar, then we’re probably at home cleaning our weapons right now and can’t come to the phone. Otherwise, we probably aren’t home and it’s safe to leave us a message.”

A is for academics, B is for beer. One of those reasons is why we’re not here. So leave a message.

Hello, you’ve reached Jim and Sonya. We can’t pick up the phone right now, because we’re doing something we really enjoy. Sonya likes doing it up and down, and I like doing it left to right...real slowly. So leave a message, and when we’re done brushing our teeth we’ll get back to you.

“Hi. Now you say something.”

“Hi, I’m not home right now, but my answering machine is, so you can talk to it instead. Wait for the beep.”

“Hello. I am David’s answering machine. What are you?”

“Hi! John’s answering machine is broken. This is his refrigerator. Please speak very slowly, and I’ll stick your message to myself with one of these magnets.”

“Hello, you are talking to a machine. I am capable of receiving messages. My owners do not need siding, windows, or a hot tub, and their carpets are clean. They give to charity through the office and don’t need their picture taken. If you’re still with me, leave your name and number and they will get back to you.”

“This is not an answering machine - this is a telepathic thought-recording device. After the tone, think about your name, your reason for calling, and a number where I can reach you, and I’ll think about returning your call.”

“Hi. I am probably home, I’m just avoiding someone I don’t like. Leave me a message, and if I don’t call back, it’s you.”

“You’re growing tired. Your eyelids are getting heavy. You feel very sleepy now. You are gradually losing your willpower and your ability to resist suggestions. When you hear the tone you will feel helplessly compelled to leave your name, number, and a message.” ■

K7NRA Special Event

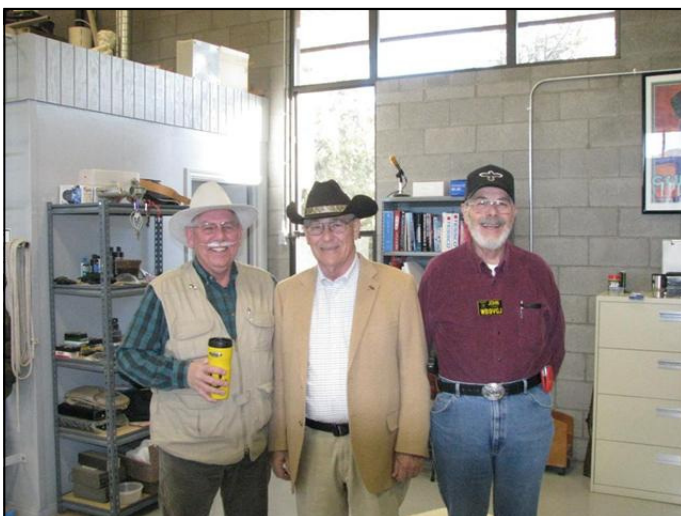
By John, WB9VGJ

The K7NRA special event operation from Gunsite celebrating the NRA's 138th birthday was a success. The weather was great and the antenna, Terry, KB7TRE, climbed the tower to install last year, was still up and in good condition. Mike, K7NRA, started off the operation and made a good number of contacts. Buz, K7GST, was only able to stay around a little over an hour in the morning as he had business commitments. He was a very gracious host as usual.

We made 107 contacts on HF and 30 on 2M. We got a tour of the facility led by Corey, the gunsmith, computer guru, instructor and all-around great guy. We had five visitors from the Phoenix area, three of which were hams: Corey, KD7KDN, Alex, KD7CLQ, and Chris, KD7BTF. All three were able to make contact with the special event thanks to Jim, WB7UZV, allowing them to use the 2M rig in his car (Thanks, Jim!). They plan to join us again next year.

We had 25 folks sign the sign-in sheet. Not everyone who stopped by did sign the sheet. A friend of mine from New Jersey, who isn't a ham, but is thinking about it, and who is a certified NRA instructor also came up. He is visiting his mom in Surprise. Terry bought more chicken this year and it all got eaten. The doughnuts did a pretty good disappearing act also.

I want to thank Terry for his efforts and Buz for again being so generous with the use of his station and facilities. Thanks to everyone who came up to socialize and operate for making it a successful and enjoyable event. You can see pictures I took at: <http://tinyurl.com/yzgzfua> ■



Terry, KB7TRE, Buz, K7GST, & John, WB9VGJ (L to R)

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.

YARC Officers for 2009

President

Pete Morrison, K6VVR
pm_service@earthlink.net

Vice President

Jim Ball, WB7UZV

Secretary

Jeff Hanna, WB7RFY
jeff668@commspeed.net

Treasurer

Mary Vince, AB7NK
ab7nk@ARRL.net

Board of Directors (includes Club Officers)

Terry Pemberton -- KB7TRE

Tom Griswold -- WN7E

Richard Bozeat -- KE7DTR

Walter Schumann -- KF6SPS

Newsletter Editor: Joe Oliver, AC6AA

joliver@cableone.net



Large Turnout for November Meeting

Attendance was high for November's YARC meeting, with 73 members, visitors, and guests managing to fit into the Granite Mountain Middle School Technology Room.

Prior to the start of the Business meeting, everyone wished our President, Pete Morrison, K6VVR a Happy Birthday, and celebrated by enjoying a piece of Birthday cake. Additional refreshments were provided by Erika, KI7JZ.

During the meeting, Pete requested that Caitlin Line, AE7AT sign her picture which appears in his latest copy of QST.

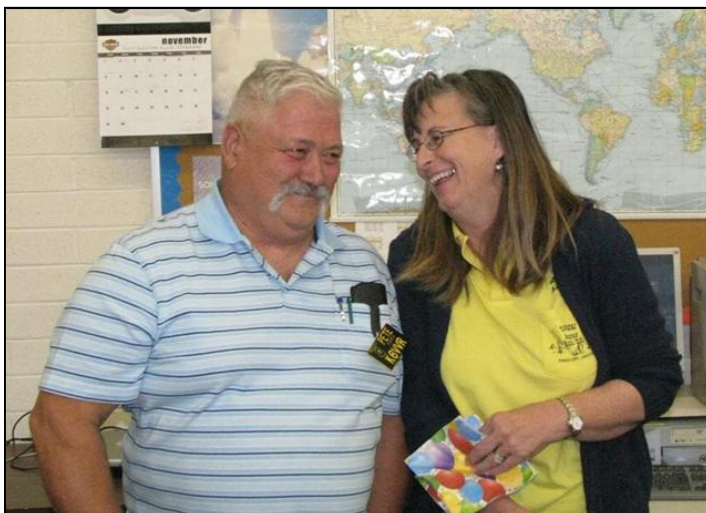
The meeting concluded with an excellent program presented by Steven Coe, "Enjoying the Night Sky". ■



Some of the Attendees at November's meeting



Pete, K6VVR anticipating the first piece of cake.



Pete, K6VVR and Mary, AB7NK enjoying life.



Caitlin, AE7AT signing Pete's QST Magazine

Got the license, now what? Getting on the Air

Yavapai County Amateur Radio Clubs are pleased to announce a free informal class with emphasis on getting started in the world of amateur radio. This class is designed for the newly licensed amateur radio operator or those returning to the hobby after a lapse of time.

The class will be conducted twice:

- December 5, 2009, 9:00 A.M. to 11:00 A.M., at Embry-Riddle Aeronautical University, Bldg 75 (AXFAB), 3700 Willow Creek Rd, Prescott, AZ
- December 12, 2009, 9:00 A.M. to 11:00 A.M., Verde Valley Fire Station 31, 2700 E. Godard Rd, Cottonwood, AZ

Each class will cover the following topics:

- Review of license privileges
- Equipment selection
- Transceivers
- Antennas
- Power Supplies
- Coax
- Repeaters
- Making your first contact
- National and Local Clubs
- Emergency Communications
- APRS
- Hidden Transmitter Hunts
- Hamfests
- Upgrading your license
- and more...

Preregistration is not required. For additional information contact: JackCrabtree, 928-771-2344, jskra@cableone.net

(Class is sponsored by the ERAU Eagle Amateur Radio Club, the Yavapai Amateur Radio Club and the Verde Valley Amateur Radio Club) ■

2010 YARC PARTY

Mark January 16, 2010 on your calendar and make plans to attend the YARC party at St. Michael's Hotel. Social hour begins at 12:00. Arrive early, relax and enjoy yourselves.

The club will be giving away a Yaesu FT-7800R 2m/440 mobile radio as well as several other very nice prizes.

Choose from Prime Rib, Chicken Marsala or Salmon (with all the trimmings) all for \$22.50 each which includes tax and gratuity.

Check the November issue of the newsletter for the reservation form or download it from the web site. www.w7yrc.org Click on the holiday party tab.

Reservation forms and payments can be mailed to the club address (shown on the form) or given to Mary – AB7NK at the December or January meeting.

Your reservations and payment must be received no later than January 8, 2010. Walk ins will not be allowed as we need to give St. Michael's an exact count.

ARIZONA WORKED ALL COUNTIES

Have you worked all 15 Arizona counties? Email az-wac@w7yrc.org for rules and an application.

Upcoming Events

- **December 5, 2009** - Getting on-the-air Class at Embry Riddle Aeronautical University, Bldg 75.
- **December 12, 2009** - Getting on-the-air Class at Verde Valley Fire Station 31 in Cottonwood.
- **January 16, 2010** - YARC Party at St. Michael's Hotel.

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, N7PJK

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				
147.040+	107.2	Prescott Heights	W2YAV				
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	
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.		P mtn=927.3875
927.0875-	151.4	Mingus Mtn	WB7BYV				
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

