

YAVAPAI SIGNAL

The Yavapai Amateur Radio Club • Prescott, Arizona • DM-34 • Volume20– No.1 • February 2005

Welcome To The Yavapai Amateur Radio Club

The Yavapai Amateur Radio Club (YARC) is an ARRL affiliated 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/yr. The YARC meets at 7:00 PM local time on the first Thursday of every month at the Granite Mountain Middle School, 1800 Williamson Valley Rd. in Prescott. It is about 1/2 mile north of Iron Springs Rd 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 PM local time on the 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 6:45PM local time on the 147.220+ repeater on Mingus Mtn.

Club Repeater

The local 146.880- mHz repeater is the official adopted repeater for the YARC. It is located on the hill above Willow Creek Rd and requires a PL of 100.0 Hz. If you hear a 1400 Hz pulsing tone, the repeater is on backup battery power and usage should be limited to necessary communications. The 147.040+ (100.0 PL) repeater is back up and running in Prescott Heights. Many thanks to Bill Kafka, W2YAV for the upkeep and use of the repeaters.

YARC Officers for 2005

President

John Broughton, WB9VGJ
wb9vgj@arrl.net

Vice President

Bob Rosevear, WB7RRQ
rosevear520@cableone.net

Secretary

Joe Oliver, AC6AA
joliver@commspeed.net

Treasurer

David Passell, K6UWV
davidrex@northlink.com

YARC Board of Directors (includes Club Officers)

Rex Mauldin-N7NGM
Terry Pemberton-KB7TRE
Jack Ragen-W3IVQ
Walter Schumann -KF6SPS
Weekly Net Control-Tom Ivan
, KF7GC, et al

Newsletter Editor-Hal Tritel, N6OVE

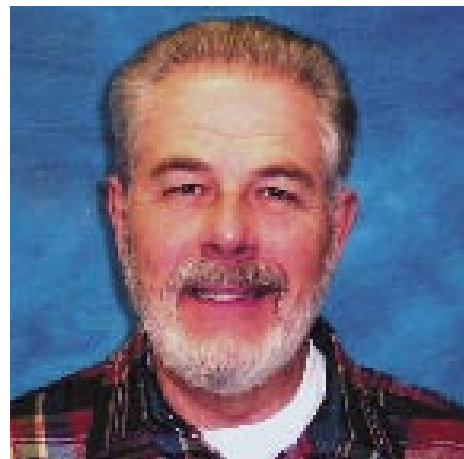
From The Desk Of The President

YARC is off and running for 2005. One of the first orders of business for the club was the vote on the change to the bylaws. The members present at the January meeting voted overwhelmingly to approve of the changes. One of the major items in the new bylaws is the change in terms for club officers. In the past, officers served one-year terms. The new bylaws call for two-year terms, with offices being staggered, i.e., two officers will be elected each year. This will provide continuity from one administration to the next. At the January board meeting, it was decided, should the bylaws changes be approved, that to transition to the new two-year paradigm, that the president and treasurer will serve a two-year term, 2005 – 2006, and the secretary and vice president will serve a one-year term. In November the election for officers and board members will be for a vice president and secretary and board members-at-large.

The annual post holiday party was held January 15th at the China Buffet. The turnout was good and a good time was had by all. I would like to thank Rex, N7NGM, for his efforts in securing prizes for the drawings. Thanks also to Bob, WB6ODR, for providing some prizes.

We currently have programs scheduled for the February, March and April meetings. I would like help from the club membership on finding program topic and speakers. Some of our members belong to other clubs. Many of these clubs might be of interest to YARC members. For instance, David, K6UWV, has arranged for the program in March to be given by a member of a Linux users group he belongs to. I would like members who belong to other clubs to see if their clubs would be interested in providing a program for YARC. I would also encourage members to offer suggestions on topics and/or speakers they'd like to have for a program.

We had an interesting visitor at the January meeting, Chuck Adams, K7QO. He advised attendees that, until just recently, he held the world Morse code speed record, 139 wpm, if I recall correctly. He passed out some CDs of his Morse code course. However, the most interesting thing about him is that he has volunteered to teach an amateur radio license class sponsored by YARC. There was some discussion about the club sponsoring a class at the meeting. (see President, page 3)



Minutes of January 6, 2005 Meeting



John, WB9VGJ called the meeting to order at 1900. The Pledge of Allegiance was recited. Visitors attending the meeting : John Markham and Chuck

Adams, K7QO. New Member joining the club: Richard Strick, N9CEX. Other visitors and members present, introduced themselves.

Meeting Minutes: Since the Newsletters, containing minutes for November and December had not yet been published, Terry, KB7TRE made a motion to postpone approval of November’s minutes until February’s meeting, and was seconded by Al, KD7MTJ. Terry also made a motion to postpone approval of December’s minutes; seconded by Lloyd, WA6ZZJ. Both were approved.

Treasurer’s Report: Dave, K6UWV gave the treasurer’s report.

Committee Reports: Lloyd, WA6ZZJ discussed ARES/RACES activation over the past weeks to assist in any emergency operations. He indicated further activation may be possible this weekend. Monitor frequencies are 147.22 and 147.26.

Old Business: Club patches are now available for \$3.00; they can be ironed on.

Ballots were collected from eligible members present, to approve or disapprove the proposed changes to the YARC Bylaws. Terry, KB7TRE volunteered to count the ballots. The proposed Bylaws were accepted: 18 Yes votes; 1 No vote.

Rex, N7NGM is getting prizes for the January 15th dinner party at the China Buffet, and needs volunteers to collect the prizes.

John, WB9VGJ indicated that the Newsletter would be ready in a few days – that Hal, N6OVE will try to publish the Newsletter prior to meetings.

New Business: Joe, AC6AA discussed the ARRL Club Commission Membership Program and suggested that the club

participate. The club would retain \$15.00 for each new membership processed, and \$2.00 for each renewal. A New Member is defined as an individual who has never been a member of ARRL, or anyone not a member for two or more calendar years prior to application. Jim, N5RO made a motion to approve, seconded by Lloyd, WA6ZZJ. The motion carried.

Joe also indicated that a copy of the YARC Roster would be printed and mailed in January of each year to those members without email access to the YARC website.

John, WB9VGJ posted an article on the emergency operations that took place on Andaman Island, which showed the need for Amateur Radio. .

John presented a Certificate of Appreciation to outgoing president Rex, N7NGM, and to treasurer Al, KD7MTJ.

Rex, N7NGM said that he met with Jack, W7JLC to discuss possible club interest in sponsoring an unmanned balloon flight.

In accordance with the approved bylaws, John, WB9VGJ announced that the board has decided he and Dave, K6UWV will serve a term of two years, and Bob, WB7RRQ and Joe, AC6AA will serve a one year term.

Terry, KB7TRE indicated that Granite Mountain Middle School held their first ham club meeting for the year, with 5 boys attending. Also, on February 14th, their club will set up a station at Charlotte Hall. Our club to supply pizza for the kids.

John, WB9VGJ asked if anyone was interested in working with VVRA on Field Day. He also requested that anyone interested in operating Slow/Fast Scan for ARES, contact Lloyd. WA6ZZJ or John, WB9VGJ.

John Markham mentioned that ARRL has a 30 second public service announcement, available for downloading on their website as a WAVE or MP3 file. “Ham Radio works when other communications don’t”, is its central message. Also, he indicated that Embry Riddle University has a new office building that will open Wednesday, January 12th at 3:30 p.m. At 5:00 p.m. a weather balloon will be launched.

Jack, W7JLC will be giving the February program on ADS-B, APRS for airplanes. Asked for help from club members for programs.

John, WB9VGJ mentioned that W6QV, a Scottsdale realtor, requested that he be contacted if anyone knows of a Ham radio QTH in Prescott that is available, complete with antenna, etc.

It was suggested that Dale, N7XFD receive a certificate of appreciation for his past services to the club. A motion was made by David, K6UWV and seconded by Lloyd, WA6ZZJ, for approval of a framed certificate. Motion carried, and John, WB9VGJ will obtain a framed certificate to present to Dale.

There was discussion on the Club establishing Ham Radio classes and VE sessions. Several places for classes were suggested, including the Jeep Posse house at Pioneer Park. John, WB9VGJ will get an article in the Newsletter, to see if there is interest in getting VE’s and someone to run classes.

John asked for a volunteer to run the Wednesday night 2 meter net. With no volunteers, John said he will do it for next Wednesday.

It was noted that Jack, W7JLC has a Collins 30L1 for sale for \$550.00.

The meeting adjourned at 1950 on a motion by Tom, W2JKG; seconded by Terry, KB7TRE. Minutes of January, 2005 Board Meeting

A board meeting was held January 6, 2005. Present were John, WB9VGJ; Bob, WB7RRQ; Joe, AC6AA; Dave, K6UWV; Jack, W3IVQ; Terry, KB7TRE; Walter, KF6SPS and Rex, N7NGM.

John called the meeting to order at 1813. John asked for approval to purchase a copy of Robert’s Rules of Order – the Board approved.

To accommodate Article IV of the proposed bylaws, i.e., terms of officers shall be staggered, with two officers being elected each year, the Board agreed that John, WB9VGJ and Dave, K6UWV serve for two years; Joe, AC6AA and Bob, WB7RRQ serve for one year.

A discussion was held on sources of programs for meetings. Board members were asked to seek out suitable programs, and members also will be asked to assist as well.

Joe, AC6AA brought up the following items for Board approval:

- 1) A recommendation that the club participate in the ARRL Club Commission Membership Recruitment Program, which would entitle the Club to receive \$2.00 for each ARRL membership renewal and \$15.00 for each new ARRL membership.
- 2) An additional entry on the YARC Membership Application to indicate if an applicant is an ARRL member.
- 3) Printing a hard copy of the Club Roster for those members not having an email copy available. The Board suggested that the Secretary have copies printed each January for mailing.
- 4) A suggestion that the Secretary send a meeting reminder notice each month to members receiving email, which also would include the program to be presented, when available.

The Board approved all the above items.

John, WB9VGJ discussed the items to be covered at the general membership meeting. He also recommended that Board meetings be held at 1830, at Granite Mountain Middle School, prior to the regular general meeting. The members agreed.

The meeting was adjourned at 1845.

*Respectfully,
Joe AC6AA
Secretary*

December 29, 2004 Weather Emergency...



At 0930 on December 29, 2004 Yavapai County ARES/RACES was activated due to weather related emergencies in the Prescott, Sedona, Cottonwood and

Black Canyon City areas. Evacuations were taking place in all of these areas and the County Emergency Plan calls for ARES/RACES to be activated any time the Yavapai County Emergency Operating Center is in operation.

Operators were positioned at the Yavapai County EOC, Prescott EOC, Sedona EOC and Black Canyon City EOC. Operations consisted of establishing communications between EOC's in case regular communications became inoperable or overloaded and also monitoring the public service frequencies to keep the EOC updated. Reports of stream levels and rainfall amounts were also called in by amateurs in some of the affected areas.

ARES/RACES members actively involved in the operation were Prescott EC/Asst. RO-KC7CBK, Verde Valley EC/Asst. RO-N6BDC, AA7OV in Black Canyon City, AEC-KD6LZE in Sedona, W7JLC in Prescott and Yavapai County DEC/RO WA6ZZJ. Communications were also conducted with KL7DU with the Red Cross in the Verde Valley. Message traffic consisted mostly of tactical reports and updates throughout the day. The operation was released to a 'standby status' at 1830 hours on the 29th and terminated at 0900 hours on the 30th when the stream levels had started to subside.

The VVARA Mingus Mountain 147.220 Mhz repeater was used for most of the event related traffic.

Red Cross Communications....

On Monday, January 3, 2005 the Red Cross called for backup communications assistance from the Prescott Headquarters to their Family Assistance Operation at the Verde Valley Fire Station in Cottonwood. Operations in Cottonwood were handled by Mel Boreham, N6BDC and ED

(President, from front page)

It looks like it is a real possibility. In addition to K7QO's desire to teach a class, we have been offered the use of the Jeep Posse's facility, free of charge, for holding the classes. Terry, KB7TRE, said he could also provide facilities. Another visitor, John Markham, who will be giving the March program, who works for Wolfsberg Electronics, is not only interested in getting his amateur license (and perhaps some other employees there), he advised that his company may be able to provide facilities and possibly some funds for an amateur radio class. I think this is a good opportunity for the club. Chuck has volunteered to handle the class all by himself. However, as there are several logistical issues involved and a bit of work to conduct a class, I'd like at least one volunteer to help Chuck with the class. If anyone is interested in helping with a license class, please contact me.

73,

John, WB9VGJ

HAW HAW

An elderly man in Florida had owned a large farm for several years. He had a large pond in the back, fixed up nice -- picnic ables, horseshoe courts, and some orange and grapefruit trees. The pond was properly shaped and fixed up for swimming when it was built.

One evening the old farmer decided to go down to the pond, as he hadn't been there for a while, and look it over. He grabbed a five gallon bucket to bring back some fruit. As he neared the pond, he heard voices shouting and laughing with glee. As he came closer he saw it was a bunch of young women skinny-dipping in his pond. He made the women aware of his presence and they all went to the deep end. One of the women shouted to him, "We're not coming out until you leave!"

The old man frowned, "I didn't come down here to watch you ladies swim naked or make you get out of the pond naked." Holding the bucket up he said, "I'm here to feed the alligator."

Moral: Old men can still think fast.

HamTestOnline™

Monday, January 3, 2005 – The HamTestOnline™ website announced today a new feature, The Practice Exam with Memory™, making the premier website to study for the amateur radio written exams even better.

"We have long resisted adding practice exams," explained the website's creator and software developer, John "J.C." Cunningham, W1AI, "because random exams are not a good way to study. They don't present concepts in logical order, and they waste your time repeating questions you have already mastered."

"It's a matter of statistics," continued Harold "Pi" Pugh, K1RV, the website's coursemaster. "After taking 100 random practice exams, you have usually seen some questions a dozen times and others not even once. Because they don't track your answer history, they can't focus your study time where you need it."

"So we solved all that," chimed in J.C. These practice exams track your answer history and give you a choice between exams that focus on unseen questions, ones that focus on weak areas, or random ones. When you focus on unseen items, we present new questions in logical order, and when you focus on your weak areas, we use our proprietary, intelligent repetition algorithm to choose the question order."

"We also let you turn on and off individual subtopics," added Pi. "And our answer tracking is fully integrated with our Study mode, so you can freely switch between the two modes."

"After you answer the questions, we offer explanations, pictures, and links for obtaining more information. We want you to learn the material, not just memorize answers."

The website offers unlimited practice exams that track your answer history at no charge. Advanced features require a subscription, which costs \$39.95 for full access to all features and all three exams for 2 years. Youth subscribers (18 and under) pay only \$24.95. For more information, visit www.hamtestonline.com

YARC TREASURER'S REPORT

January 2005

WATCH FOR THESE UPCOMING EVENTS

February - Jack, W7JLC, will give a presentation on ADS-B, APRS used for airplanes.

The program for the April meeting will be about kit building and will be given by Chuck Adams, K7QO.

We've gotten the current VE testing schedule from Mark Coker, KC7JOG, for 2005. I thought we would publish the schedule each month in the newsletter (it may be too late for January's session). Here is the schedule:

- March 4
- May 6
- July 15
- September 9
- November 4

All sessions are on a Friday night and the time is 7:00 p.m. They are held at:

Montezuma-Rimrock Fire Department
 3240 E. Beaver creek Rd.
 Lake Montezuma, AZ 86335

For details, contact Mark at (928) 567-5446

INCOME

New Members (see applications for additional information)

Richard Strick N9CEX 01/06/05 to 01/06 cash\$20.00

Renewals (Update Roster)

Jack R. Ragan W3IVQ 01/06/05 to 02/06 1092 20.00

Bob Ower WA7YUL 01/06/05 to 02/06 cash 20.00

Robert R. Smith WB6ODR 01/08/05 to 12/05 8641 20.00

Robert V. Rosevear WB7RRQ 01/21/05 to 12/05 7397 20.00

ARRL Renewals

Joe Oliver AC6AA 1576 36.00

Other

50/50 Drawing 01/06/05 cash 28.00

Badges 24 @ \$3.00 01/06/05 cash 72.00

Badges 2 @ \$3.00 01/20/05 from Rex 94.50* 6.00

Badges 1 @ \$3.00 01/20/05 3.00

Total Income\$245.00

EXPENSES

Joe Oliver Binders 01/06/05 789 6.37

ARRL Joe Oliver 01/06/05 790 34.00

David Passell Refreshments 01/06/05 791 12.93

Fred Zimmerman 50/50 01/06/05 cash 14.00

John Broughton Frame/Roberts Rules 01/15/05 792 25.42

Bob Smith PL 259 01/15/05 793 21.51

Rex Maulden Prizes* 01/15/05 794 88.50

David Passell Coffee 01/24/05 795 5.11

Insty Prints 26090 Newsletter/Roster 01/24/05 796 51.01

Total Expenses \$258.85

Income - Expenses (cash flow) (-\$13.85)

Deposits 01/24/05 \$225.00

PREVIOUS CHECKBOOK BALANCE \$1563.00

CURRENT CHECKBOOK BALANCE \$1548.44

*Treasurer: David W. Passell,
 K6UWV
 01/24/05*



Answers to last month's history exam

1. b) On the floor, to the left of the clutch. Hand controls, popular in Europe, took till the late '60s to catch on.
2. b) To sprinkle clothes before ironing Who had a steam iron?
3. c) Cold weather caused the milk to freeze and expand, popping the bottle top.
4. a) Blackjack Gum.
5. b) Special makeup was applied, followed by drawing a seam down the back of the leg with eyebrow pencil.
6. a) 1946 Studebaker.
- 7 c) Wax coke bottles containing super -sweet colored water.

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WORLD'S EASIEST QUIZ

(Passing requires 4 correct answers)

- 1) How long did the Hundred Years War last?
- 2) Which country makes Panama hats?
- 3) From which animal do we get cat gut?
- 4) In which month do Russians celebrate the October Revolution?
- 5) What is a camel's hair brush made of?
- 6) The Canary Islands in the Pacific are named after what animal?
- 7) What was King George VI's first name?
- 8) What color is a purple finch?
- 9) Where are Chinese gooseberries from?
- 10) What is the color of the black box in a commercial airplane?

All done?

Check your answers below!

ANSWERS TO THE QUIZ (No wonder our kids get confused.....)

(Passing requires 4 correct answers)

- 1) *How long did the Hundred Years War last?* **116 years**
- 2) *Which country makes Panama hats?* **Ecuador**
- 3) *From which animal do we get cat gut?* **Sheep and Horses**
- 4) *In which month do Russians celebrate the October Revolution?* **November**
- 5) *What is a camel's hair brush made of?* **Squirrel fur**
- 6) *The Canary Islands in the Pacific are named after what animal?* **Dogs**
- 7) *What was King George VI's first name?* **Albert**
- 8) *What color is a purple finch?* **Crimson**
- 9) *Where are Chinese gooseberries from?* **New Zealand**
- 10) *What is the color of the black box in a commercial airplane?* **Orange, of course.**

MISS BEATRICE

Miss Beatrice, the church organist, was in her eighties and had never been married. She was admired for her sweetness and kindness to all.

One afternoon the pastor came to call on her and she showed him into her quaint sitting room. She invited him to have a seat while she prepared tea. As he sat facing her old pump organ, the young minister noticed a cut-glass bowl sitting on top of it. The bowl was filled with water. In the water floated, of all things, a condom! When she returned with tea and scones they began to chat. The pastor tried to stifle his curiosity about the bowl of water and its strange floater, but soon it got the better of him and he could no longer resist. "Miss Beatrice", he said. "I wonder if you would tell me about this?" he said pointing to the bowl. "Oh, yes," she replied, "isn't it wonderful?" I was walking through the park a few months ago and I found this little package on the ground. The directions said to place it on the organ, keep it wet, and that it would prevent the spread of disease. Do you know I haven't had a cold all winter.

A MOST UNUSUAL FUNERAL

A woman was leaving a convenience store with her morning coffee when she noticed a most unusual funeral procession approaching the nearby cemetery.

A long black hearse was followed by a second long black hearse about 50 feet behind the first one. Behind the second hearse was a solitary woman walking a pit bull on a leash. Behind her, a short distance back, were about 200 women walking single file.

The woman was so curious that she respectfully approached the woman walking the dog and said, "I am so sorry for your loss, and I know now is a bad time to disturb you, but I have never seen a funeral like this.

Whose funeral is it?"

"My husband's."

"What happened to him?"

The woman replied, "My dog attacked and killed him."

She inquired further, "Well, who is in the second hearse?"

The woman answered, "My mother-in-law. She was trying to help my husband when the dog turned on her."

A poignant and thoughtful moment of silence passed between the two women.

"Can I borrow the dog?"

"Get in line."

Weekly Information Net

Wednesday Nights @ 7:00 pm 146.880 (100 PL)
 If you don't have PL, transmit on 146.880 simplex
 when the repeater drops out.
 All amateurs welcome

Monthly Meeting

First Thursday at Granite Middle School @ 7:00pm
 (N 34°34'22.6" W 112°29'45.1")

Next Meeting Thurs. Mar. 3, 2005 @ 7pm

Wednesday morning breakfast–Iron Horse Cafe

S. Hwy 89 in Chino Valley
 (N 34°43'56.5" W 112°27'15.4")

Informal –All are invited

Thursday morning breakfast–Michael's Restaurant
 in the Safeway Shopping Center,

Hwy 69 Prescott Valley
 (N 34°35'13.33" W 112°19'44.6")

Informal–All are invited

Location data provided by Fred Zimmermann N7PJN, per WSG84



AREA REPEATERS

Frequency	PL	Location	Notes
52.560-	100.0	Mt. Union (-500 Khz)	CARS N7NGM
53.040-	C/S	Prescott Airport (-1Mhz)	KC7WBE
145.350-	C/S	Wildflower Mtn.	DAWN
145.370-	C/S	Towers Mountan	MMRG
146.780-	91.5tt	Bill Williams Mtn.	BWARC
146.880-	100.0	Prescott	YARC
146.980-	162.2	Flagstaff-Elden	CARC
147.000+	162.2	Mingus Mountain	MMRG
147.040+	100.0	Prescott Heights	W2YAV
147.140+	162.2	Flagstaff-Elden	ARA Link to Ord
147.220+	162.2	Mingus Mountain	VVARA
147.260+	103.5	Mt. Union	YC Emerg.Svcs.
223.960-	127.3	Chino Valley	NW7AZ*
442.150+	100.0	Mingus Mountain	Northlink
442.350+	100.0	Glassford Hill	N7KPU
448.475-	100.0	Flagstaff-Eldon	ARA
448.500-	100.0	Prescott	KB7TWC
448.875-	100.0	Flagstaff-Eldon	Northlink
449.175-	100.0	Towers Mountain	Northlink
448.5250-	127.3	Payson	K2YAW
927.3875	?	'P' Mountain	WB7BYV
			*off the air until further notice.

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

