VAVAPAI SIGNA

The Yavapai Amateur Radio Club • Prescott, Arizona • DM-34 • Volume 20 – No.4 • April 2005

From the Desk of the President

The March YARC meeting was another interesting one, with a very nice presentation about kit building from Chuck, K7QO. The slides for the program are available on his Web site: http://www. k7qo.net/. The file is a PDF file, 4.8 MB in size. To run the PDF slide show, open the file in Acrobat Reader, enter Ctrl/L to start the presentation, and press the Enter key to advance the slides and Shift/Enter to go back to a previous slide. To exit the side show, press the Esc key.

Chuck gave a report on the amateur license class he has put together that will commence Monday, March 7th. He reported there would be about 25 students. Since the meeting, the announcement in the local newspaper was printed and he had already gotten a couple of inquires at the writing of this piece (Saturday morning, 3/5). He thinks there may be about 30 students when the class starts. This is good news, as I believe it indicates there really is an interest in amateur radio in the Prescott area and all that was needed was an opportunity for those interested.

At the end of the eight-week class, there will be a license examination session. We will need to put together a group of VEs for the session. Mary, AB7NK, has volunteered to lead the VE team for the examination session. I urge anyone in the club who is an accredited VE to contact Mary at 775-2158 or ab7nk@commspeed. net to volunteer to be part of the team. We need to have as large a team as possible to facilitate a successful VE session. If you are not a VE, I would ask that you give serious consideration to becoming one. While you may not receive accreditation in time for the VE session for this class, Chuck hopes to have future classes and you could participate in future sessions. Just go to the ARRL's VE site, http://www. arrl.org/arrlvec/, to get the information about the program and download the VE

manual and the application form for VE accreditation (the application is page 5 of the manual).

An issue I feel strongly about is the weekly club net. Since Dale, N7XFD, ended his excellent tour of duty as net control for the net, we have had a problem with having a designated net control each week. Several folks have taken turns as net control, but too often it is a question at 7:00 p.m. on Wednesday evenings if there is anyone there to act as net control and whether there will be a net. I don't think this is a good situation, as I think the uncertainty will result in fewer members showing up for the net and, as a result, the net will just die. I don't think this is a desirable situation. As a result, I circulated a sign-up sheet at the meeting asking for volunteers for net control on a monthly basis. I have operators signed up to be net control for the months of April, May, July and August. I need volunteers for the other months for 2005. This is also an excellent chance to practice net control station skills. I would encourage any of you who care about the viability of the club's weekly net to seriously consider signing up for one or more of the vacant months. Contact me at 775-2259 or wb9vgj@arrl. net to volunteer. Volunteers will be provided with the script for the net as well as the most current roster of participating stations. I would also encourage more members to check into the net.

I am still looking to club members to offer ideas and suggestions on any program they might like to see and to consider having any club they belong to present a program. We have a program scheduled for April and May, but the rest of the year is open. So, please contact me with any ideas on programs you might have.

73.

John, WB9VGJ

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

YARC Officers for 2005

President wb9vgj@arrl.net

Vice President John Broughton, WB9VGJ Bob Rosevear, WB7RRQ rosevear 520@cableone.net

Joe Oliver, AC6AA

David Passell, K6UWV joliver@commspeed.net davidrex@northlink.com

YARC Board of Directors (includes Club Oficers) 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

Minutes of March 3, 2005 Meeting



John called the meeting to order at 1900. The Pledge of Allegiance was recited.

Visitors: Mary, AB7NK; Tom, W6RAI; Neil,

KA7JAS; Don, KD7VYT; Ray, N6MY; Tom, W6RAI; Tony, W7PCV; Harlan, WB0PIJ; W7QAT's XYL and Richard.

New Members: Ray Tyrrell, N6MY

New Licenses: None

Meeting Minutes: The Minutes for February were approved on a motion by Terry, KB7TRE and seconded by Lloyd, WA6ZZJ.

Treasurer's Report: Dave, W6UWV reported a balance of \$1584.44. The report was approved on a motion by Al, KD7MTJ and seconded by Fred, KC7TIN.

Committee Reports:

ARES/RACES: Lloyd, WA6ZZJ reported on the first training meeting held on February 12th with 16 people present. The Desert Storm Rally is to be held on April 2nd in Quartzsite area. Whiskey Row Marathon will be held on Saturday, April 30th. There is a signup sheet to get 18 – 20 people for communications.

Newsletter: Hal, N6OVE stated that the Newsletter was published on time, with no problems.

Patches: David, W6UWV has club patches for \$3.00

K7A Operation: Students setup and operated equipment at Charlotte Hall on February 14th to celebrate Arizona's birthday. Not many contacts were made, but ample doughnuts and pizza kept the students happy.

IRLP: Jack, W7JLC has been working with Rex, N7NGM and Lee, KC7CBK to determine type of equipment and other items needed to establish an IRLP repeater for the club. Jack will write an article with more details for the Newsletter.

License Class: Chuck, K7QO will conduct his first class on Monday, March 7th starting at 6:30 for the technician class and 7:30 for the upgrades. To date, approximately 25 students have signed up for the class, which will be held at the Yavapai County Jeep Posse building on Commerce Drive.

Old Business:

Club Brochures: Jim, N5RO volunteered to review current brochure and update contents to present at next meeting for further ideas and finalization.

Club Net: John passed around a signup sheet to get a volunteer(s) for net control on the Wednesday night 2M net. A permanent net control must be established, as well as more people need to check in. Otherwise, the net may be discontinued.

New Business:

Silent Keys: Lloyd, WA6ZZJ, Roy, KF4IVG, and Jack, W3IVQ volunteered to form a committee to assist widows with the disposal of ham gear.

VE Testing: Mary, AB7NK is coordinating the VE testing in our area. A signup sheet was passed around to acquire names of club member or non-member VEs.

Announcements:

Programs: Program schedule has been changed – John Markham will talk on the Linux operating system in April, and Chuck, K7QO will be speaking on kit building at this meeting. Ray, K6CMU will give the May program with a presentation on radio-controlled airplanes. Still need programs for June through December.

Items for Sale: Kenwood TS-430 for \$400 – see Frank, WA6JBV.

Drawing: Fred, KC7TIN won \$9 in the drawing.

A motion to adjourn the business portion of the meeting at 1930 was made by Tom, W2JKG and seconded by Lloyd, WA6ZZJ.

Program: At 1940, Chuck, K7QO

presented an interesting slide show on kit building, along with many worthwhile tips. Slides are in PDF file format and are available for viewing on Chuck's website, WWW.K7QO.net. Chuck discussed reasons for building kits and showed a wide variety of kits that he has assembled. He showed where he builds kits, and the tools and equipment he uses for assembling and testing. He strongly recommended using Kester solder type 62,36 with 2% silver, which contains noclean flux 245.

Chuck's well-received program ended at 2040.

Ray, N6MY's new membership was approved on a motion by David, K6UWV and seconded by Ray, K6CMU, ending the meeting for the evening.

Respectfully,

Joe, AC6AA Secretary

Minutes of March 3, 2005 Board Meeting

A Board meeting was held March 3, 2005. Present were John,WB9VGJ; Bob, WB7RRQ; Joe, AC6AA; Dave, K6UWV; Jack, W3IVQ; Terry, KB7TRE and Walter, KF6SPS.

John called the meeting to order at 1830. He emphasized the need for finding speakers for programs after April. Several possible sources were mentioned. Also discussed were items to be covered during the general meeting. A sign-up sheet will be passed around at the general meeting in order to establish a regular net control station for the Wednesday night 2M Net.

Dave, K6UWV received a copy of the State of Arizona Corporation Commission Corporation Annual Report & Certificate of Disclosure. The report was given to Joe, AC6AA to ensure submission before April 13, 2005.

The meeting adjourned at 1845.

Respectfully,

Joe, AC6AA Secretary

Equipment List for the Estate of ARES/RACES M. Lee Rogers, KC2FWT

This equipment and more will be at the April YARC meeting for sale.

Yaesu VX-5 Tri Band (50/144/440 Mhz) Handheld Transceiver W/accessories

Plus the following:

Computer Programming Software Speaker Microphone Alkaline Battery Pack Headset W/Boom Microphone

- Kenwood TM-2550A 144Mhz Transceiver (45 watts w/tone board)
- L-Tronics Monitor/Paging Receiver 147.220 Mhz Litz decoder
- Radio Shack Model 22-506 10 amp 12 volts Power Supply Diamond Model SX-40C 144/440 Mhz SWR/Power Meter Portable 12 volt 3 amp hour External Battery Pack in Belt Case Diamond Tri Band (50/144/440 Mhz) antenna with UHF Mount GE Model 3-5375 Mini Cassette Recorder
- NATCOM Tri Band Rubber 1 Duck Antenna
- Larson Mag Mount w/Antenna (144 Mhz?)
- 144 Mhz Mag Mount Antenna
- 1 Motron Auto Kall??

Assorted Books

- 1 Beam Antenna Handbook by Bill Orr W6SAI
- Practical Antenna Handbook published by TAB Books
- ARRL Antenna Handbook 19th Edition
- ARRL Operating Manual 19th Edition
- ARRL Hints & Kinks Book 14th Edition

73....Lloyd, WA6ZZJ



The next ARES/RACES training meeting will be held on Saturday, May 21, 2005 at the Cottonwood Public Safety

Building located at the corner of 6th Street and Aspen in Cottonwood. Please plan to attend. Training is a very important part of your commitment to ARES/RACES.

PUBLIC SERVICE

Our next Public Service Communications event will be the Whiskey Row Marathon on Saturday, April 30th. 18 to 20 operators are needed for this event and 4 of the positions require a high clearance vehicle. We are still in need of a few more operators so the sign up sheet will be out again at the April YARC meeting. Please plan to assist on this event. Nest to the road Rally in the Fall this is the largest event we provide communications for and the YMCA greatly appreciates our help..

Lloyd, WA6ZZJ

A Fable For Our Time

A modern day cowboy has spent many days crossing the desert without water. His horse has already died of thirst, and he's crawling through the sand, certain that he has breathed his last. All of a sudden, he sees an object sticking out of the sand several yards ahead of him. He crawls to the object, pulls it out of the sand, and discovers what looks to be an old brief case.

He opens it and out pops a genie. But this is no ordinary genie - she is wearing an Internal Revenue Service ID badge and a dull gray dress; there's a calculator in her pocketbook, and she has a pencil tucked behind one ear.

"Well, cowboy," says the genie... "You know how I work. You have three wishes."

"I'm not falling for this," says the man. "I'm not going to trust an IRS Auditor Genie."

"What do you have to lose? - You've got no transportation, and it looks like you're a goner anyway!"

The man thinks about this for a minute, and decides that the genie is right. "OK, I wish I were in a lush oasis with plenty of food and drink."

POOF! The cowboy finds himself in the most beautiful oasis he has ever seen, surrounded with jugs of wine and platters of delicacies.

"OK, cowpoke, what's your second wish?"

"My second wish is that I was rich beyond my wildest dreams."

POOF! The man finds himself surrounded by treasure chests filled with rare gold coins and precious gems.

"OK, cowpuncher, you have just one more wish. Better make it a good one!"

After thinking for a few minutes, the man says, "I wish that no matter where I go, beautiful women will want and need me."

POOF! He is turned into a tampon.

The moral of the story:

If the government offers you anything, there's going to be a string attached.

Ham Radio Classes Started by K7QO

On March 7th at the Yavapai County Sheriff's Jeep Posse facilities on Commerce Drive 43 students started the path to new licenses or upgrades. Two classes are being taught by Chuck Adams, K7QO starting at 6:30 p.m. on 7:40 p.m. on Monday nights until the end of March. One student was 10 or 11 years old and two teenagers also were present.

The classes will run for 8 weeks until the end of March. The students will then be able the following week to take Morse and written exams for any or all of the license classes issued by the FCC. A follow up report will be given on the high success ratio and hopefully a low dropout rate.

For the Technician session it was a full room and almost standing room only crowd.

Chuck apologizes for the fast pace, but hopefully the pace will slow down a little. There is a lot of material to cover and only a small amount of time to get it all done. Others can follow the course on line at http://www.k7qo.net/ and if you have any questions feel free to email to k7qo@commspeed.net

As soon as he finds the manual for his handheld he'll get on the repeater on a regular basis for questions and answers. (I haven't figured out the PL and the offset for 147.22 MHz although I listen regularly....)

The course is planned to be taught on a regular basis for the fall and spring each year as long as there is interest. Chuck is taking interest lists if any one is interested in 4 or 5 sessions for advanced electronics, advanced operating for contests, building techniques using a small \$55 CW transceiver as a common ground, or other topics..... Especially if interest

can be generated for Jr. High or Sr. High kids interested in electronics, instead of computers.

Thanks to all the Sheriff's people who opened and closed the facility and thanks to the students for helping to keep the facilities clean and tidy. All the hard work behind the scenes is appreciated by the instructor and the students.

When the class is completed and when the students get their licenses, some one should have a follow up session with hands on use of a handheld, operating procedure for the repeater, and any other help that they need. Loaner equipment until they get their own or help them decide on equipment purchases, etc. is a possibility. And make sure that the new students are welcome to use the repeater in a way to encourage them further and to encourage them to join the club..... Let's not waste this opportunity for all to grow.

73 de K7QO

Chuck Adams, K7QO CP-60 and RUFZ 109 WPM http://www.k7qo.net k7qo@commspeed.net From: Onenewadventure@aol.com Date: March 7, 2005 1:47:29 PM MST

To: htritel4@mac.com Subject: Newsletter Item

Hal;

Here is the info for the newsletter I spoke with you about:

I joined the club at last month's meeting and will be attending the upcoming class for my upgrade to General. I live in a restricted neighborhood and need help in the following areas:

-Information on antennas that can be used where visibility is restricted. Attic antennas are almost out of the question because of limited room to move about up there.
-If anyone has a Heath SA-2060 antenna tuner, I would like to come by and look it over. I have a chance to get one but am not familiar with this particular model.
-I'm interested in picking up an HF transceiver. It doesn't need to have a lot of bells and whistles but does need to be in good operational condition and contain a built-in antenna tuner.

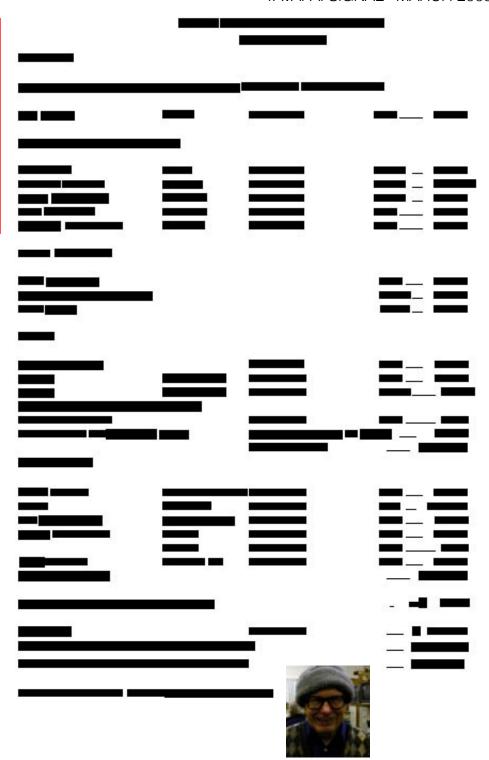
Please contact me at the club meeting or by phone or e-mail. 775-6592, onenewadventure@aol.com

Thanks, Roy, KF4IVG

Watch for these Upcoming events

April - John Markham will give a presentation on the Linux operating system

May - Ray, K6CMU, will give a presentation on radio control airplanes



VE Testing Schedule

May 6, 2005

July 15. 2005

September 9, 2005

November 4, 2005

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

Montezuma Rimrock Fire Department 1240 E. Beavercreek Road Lake Montezuma AZ 86335

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

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Chuck Adams, K7QO CP-60 and RUFZ 109 WPM

http://www.k7qo.net k7qo@commspeed.net

A Child's Wisdom

Ya gotta love this little girl...

Little Melissa comes home from first grade and tells her father that they learned about the history of Valentine's Day.

"Since Valentine's Day is for a Christian saint and we're Jewish," she asks, "will God get mad at me for giving someone a valentine?"

Melissa's father thinks a bit, then says, "No, I don't think God would get mad. Who do you want to give a valentine to?"

"Osama Bin Laden," she says.

"Why Osama Bin Laden?", her father asks in shock.

"Well," she says, I thought that if a little American Jewish girl could have enough love to give Osama a valentine, he might start to think that maybe we're not all bad, and maybe he'd start loving people a little bit.

And if other kids saw what I did and sent valentines to Osama, he'd love everyone a lot. And then he'd start going all over the place to tell everyone how much we loved them and how he didn't hate anyone anymore."

Her father's heart swells and he looks at his daughter with newfound pride. "Melissa, that's the most wonderful thing I've ever heard."

"I know," Melissa says, "and once that gets him out in the open, the Marines could blow the shit out of him."

Lesson To All Employees Who Work With Rude Customers.

Indeed, an award should go to the Virgin Airlines gate attendant in Sydney some months ago for being smart and funny, while making her point when confronted with a passenger who probably deserved to fly as cargo. A crowded Virgin flight was cancelled after Virgin's 767s had been withdrawn from service. A single attendant was re-booking a long line of Inconvenienced travelers. Suddenly an angry passenger pushed his way to the desk. slapped his ticket down on the counter and said, "I HAVE to be on this flight and it HAS to be FIRST CLASS." The attendant replied, "I'm sorry sir. I'll be happy to try to help you, but I've got to help these people first, and I'm sure we'll be able to work something out."

The Passenger was, unimpressed. He asked loudly, so that the passengers behind him could hear, "DO YOU HAVE ANY IDEA WHO I AM?" Without hesitating, the attendant smiled and grabbed her public address microphone: "May I have your attention please, may I have your attention please, "she began - her voice heard clearly throughout the terminal." We have a passenger here at Gate14 WHO DOES NOT KNOW WHO HE IS. If anyone can help him find his identity, please come to Gate 14." With the folks behind him in line laughing hysterically, the man glared at the Virgin attendant, gritted his teeth and said, "F... you." Without flinching, she smiled and said, "I'm sorry, sir, but you'll have to get in line for that too."

FOR Sale

Kenwood TS430-3 H.F. Radio10-160 Good Shape \$400 Frank Horneff WA6JBV 778-4814

Here is a URL that we should keep in front of our members. I have added it to the web site under other links

http://www.arca-az.org

We, YARC, are member of ARCA and should look at it from time to time. They have information about VE test and just a bunch of other neat stuff.

Bob WB6ODR

A Word From Chris Bearscove

Hello! Well, Albany is an alright place to fly out of. I've settled in nicely. I still "live" in Maine, so that's where I am on my days off... although I don't have a place of my own and live with my best friend while there.

Here is my March work schedule on my website. Click or copy the link below. It's a duzy of a schedule... a LOT of flying. Check out everywhere I'll be!! I'll be one tired puppy. But it will get me closer to the flight time I need to be eligible for upgrade to Captain. And the paycheck will be nice. Wehee!! God Bless everyone! Remember, my phone number is now my cell. 207-319-2036 http://home.midmaine.com/~bearsck/workschedule.html

For Sale

Windom "Short 80" antenna with 4:1 balun. Need to sell to finance other equipment. \$39 Firm

jimc76@cableone.net

the call listed on the list of repeater has my call incorrectly, please change to KB 6 TWC

448.500 - PL 100 / Irun a remote base to it andtakes a touch tone command to bring it up the connection to the Phoenix White Tank 2m repeater 146.940. (which offers excellent Phoenix coverage) and I do have the ARA permission for this connection from the President of the ARA Jim Pierce. I am also a member of the ARA.

This repeater of mine is also phone patch capable. * up (star plusphone number up)and # to bring autopatch down.

A YARC member wishing to know-how to bring up and down the-connection commands to the White Tanks repeater can just email for the instructions. I run my repeater as a "closed" repeaterto keep the knuckle heads off it. my email douglasnicholson@yahoo.com OK to public publish.

Another correction

Also the 6mPrescottAirportrepeater should belisted as belonging to WB7BYV Steve Crumley WB7BYV also has 440 machine at the Prescottairport. 449.675 - pl 77. WB7BYV also has a 900 repeater in Prescott, P mtn, / 927. 3875 - pl 151.4

Also another good repeater to list. On Williams Mtn. 449.750 - pl 110.9 N9CZV "Navocom system" Owner Dave Epley

Thanks
Douglas Nicholson KB6TWC

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. April 7, 2005 @ 7pm

Wednesday morning breakfast–Iron Horse Cafe S. Hwy 89 in Chino Valley (N 34°43'56.5" W112°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

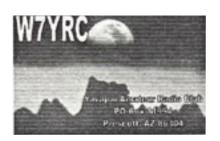
Location data provided by Fred Zimmermann N7PJN, per WSG84



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



AREA REPEATERS

Frequency	PL	Location	Notes
52.560-	100.0	Mt. Union (-500 Khz)	CARS N7NGM
53.040-	C/S	Prescott Airport (-1Mhz)	WB7BYV
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- 449.675 449.750	127.3 77.0 110.9	Payson Prescott Airport Bill Williams Mtn.	K2YAW WB7BYV N9CZV
927.3875	151.4	'P' Mountain	WB7BYV