

# YAVAPAI SIGNAL

The Yavapai Amateur Radio Club – Prescott, Arizona DM-34 Vol. 13 - No. 10

October. 2003

## 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 tricity area including providing communications for local events, emergency communications, volunteer exams, 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 3rd 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.



## HAMS HELP TO MAKE THE 2003 ROAD RALLY AN EXCITING RACE SUCCESS

The 2003 road rally turned out to be a great success. Radio communications worked well and the event went off with only a few minor non radio glitches. Also we finally had some great weather!!!! Many competitors remarked on our radio setups and our smooth operations at net control. The overall race winner personally came by net control and thanked us which was a first!

I would like to personally thank all of the radio persons for the fine job they did and I will ask for a pay raise for all next year.....Remember , no radios, no race.....

*Bob  
wb7rrq*

### Yarc Officers For 2003

<b>President</b> Bob Smith-WB6ODR lrsmith@cableone.net	<b>Vice President</b> Terry Pemberton-KB7TR kb7tre@aol.com
<b>Secretary</b> Tony Masvidal-W7PCU W7phcu@webtv.net	<b>Treasurer</b> Al Crook-KD7MTJ

### YARC Board of Directors (includes Club Officers)

Lee Cunningham-KC7CBK  
Bob Kane-K7KOL  
Bob Rosevear-WB7RRQ  
Jack Ragen-W3IVQ  
Weekly Net Control-Dale Leslie-N7XFD  
Newsletter Editor-Hal Tritel-N6OVE

## Minutes of September Meeting

Meeting called to order at 7:01pm by the President Bob-WB6ODR.

Visitors are: Carl Ericsson, Mike-AC7FH and Ed-WK7ED formerly KA6OMG (hope I got that right).

The secretary's minutes were read by the club. All approved.

Treasury report by Al. We have \$2119.22 in the account.

Need a new secretary to take over starting in October since Tony-W7PCU will be on vacation and his work will be starting long holiday hours.

The First Congregational Church and the Humane Society each got a contribution from the club.

The SW ARRL convention sent us a nice invitation, a little late though.

This Saturday and Sunday there will be a R/C fly in at the CV air park: Saturday 8-5 and Sunday 8-12.

Bob-WB7RRQ and the Road Rally. Will start 4-4:30 on site. Check your info before you go. Friday night need extra person for road block at Witty Tom. Everyone needs to monitor 147.220 and each stage to stage captain. If you have FRS radios, take them. (you can buy them cheap).

Lee-KC7CBK. Hurricane Isabel is ashore. Article on BPL on bulletin board plus a fast video was shown to the club.

A big hand to all those who did communications for the Walk for Diabetes and Tour De PV. Also March of Dimes on September 27th.

Hal-N7OVE, a good job putting the newsletter together.

Terry-KB7TRE, will need help in putting antennas back up on roof.

On Saturday morning from Bob-K7KOL, try to monitor 146.88 for the kayakers on the lake.

Frank-WA6JBV, info on Isabel traffic on 20 meters.

John-WB9VGJ has volunteered to take over as the new secretary. Thank you, John. Break at 7:48pm

Hal-N7OVE won the ticket. (All right) Progam-video on Twisters, Fury on the plain.

Meeting ended 9pm.

*Tony-W7PCU  
Secretary, YARC*

## New Secretary

I volunteered at the September meeting to take over the office of club secretary from Tony, W7PCU, who had to step down due to strong demands on his time. I am happy to step in and do this. As a former secretary for two years for the Wheaton Community Radio Amateurs (WCRA), I have experience performing the duties of secretary.

Tony and Hal, N6OVE, have been working on the club roster. At the Sep. meeting it was discovered it still needed some updating. They have provided me with the updated information they have and I'm working with Hal to get the updated copy ready. Instead of mailing out the current copy with the Sep. newsletter to those who didn't attend the meeting, I have decided to wait and bring the updated roster to the Oct. meeting. I will be mailing out a copy with the Oct. newsletter to those who don't attend the Oct. meeting. For those with e-mail addresses, I will be making an e-mail copy available to them.

Personally, I like to have a roster sorted by both name and call sign, as I sometimes can remember a name better than a call sign and other times vice versa. Therefore, I will be maintaining two copies of the roster, one sorted by name and one by call sign so members can have their choice, one or both.

Due to the transition and logistical issues, the Sep. issue of the newsletter is being mailed later than one would normally expect. I apologize for that and will do my best to get the issues mailed out very shortly after future meetings. Your patience during this transition will be appreciated. I want to take this chance to thank Hal and Tony for all their work and assistance to make this transition as painless as possible.

73,

*John Broughton, WB9VGJ*

## YARC Treasurer's Report September 2003

### INCOME

#### RENEWALS

18 Sept. KS6SBS Schumann, Walter	10-03/10-04	Cash	\$20
18 Sept. AC6AA Oliver, Joe	09-03/9-04	Ck	20
18 Sept. K6TRX Hammen, Jack	01-03/1-04	Cash	20

#### NEW MEMBERS

01 Sept. KD7IDM Covell, Edwin D.	09-03/9-04	Ck	20
18 Sept. WK7ED Meyer, Ed	10-03/10-04	Cash	20

#### 50-50 DRAWING

25

\$125

#### EXPENSES

1 Sept. Insty-Prints Newsletter		\$28.59
13 Sept. Insty-Prints Roster		16.25
18 Sept. Tony Masvidal Stamps no.731		37.00
18 Sept. Lee Cunningham (mtg. ref.) no.732		8.66
18 Sept. Hal Tritel 50-50 Drawing		12.50
20 Sept. Al Crook Stamps no.733		3.70

\$106.70

Check no.717 dated 05-15-03 for \$25.78 is uncashed.

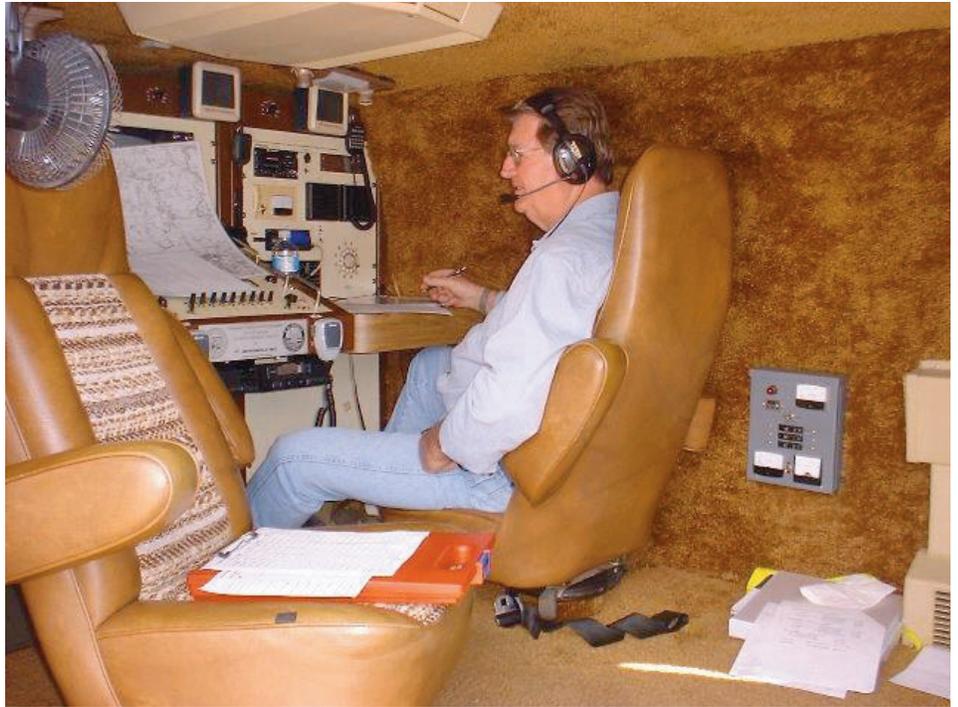
Csh Flow + 18.30

#### FISCAL STATUS

Previous Report	\$2119.22
Checkbook Balance	2137.52

*Albert Crook  
YARC Treasurer  
KD7MTJ*

# MORE ROAD RALLY PICTURES



These guys were really flying!

All four wheels off the ground -- what a jolt -- what an exciting ride.



Road hazards included rocks, holes, and (look closely at the photo on the far right) rattlesnakes!



## Prescott Hams Standby In Case Of Maritime Mishap

Prescott Amateur Radio Operators Fred Zimmermann, N7PJN, Hal Tritel, N6OVE, and Lee Cunningham, KC7CBK waited patiently on a warm September Saturday morning as their colleague, Bob Kane, K7KOL patrolled Willow Lake in his two-meter equipped kayak, keeping watch over 30 Boy and Girl Scouts as they competed in ten, three person teams, running from Pioneer Park to the southwest corner of the lake, jumping into canoes, and paddling rapidly to the southeast corner of Willow Lake.



As in the rallye races we assist, the various stages of the youngsters endeavors was accurately timed, and the quickest over-all time selected the winning team.

Upon arriving at the southeast corner of the lake, they jumped, and fell out of their boats, scrambled up the face of ancient granite rock and traversed, via cable, hand over hand, 100 feet to an adjacent cliff face. Midway across, the scouts were suspended about 30 feet above the lake surface, a long way down, and a long way to go to the next "safe" landing on the distant cliff ahead.

The scouts, as part of a national Ecology Awareness movement, kept me in suspense as they traversed, backwards and backside down in a harness that left the legs flailing as the contestant crossed the watery crevasse as rapidly as their hand over hand dexterity



allowed them. After reaching the other side, the youngsters had to gain their footing on the rock face, unbuckle their harness and then clamber down the rock to another canoe which was then paddled as fast as possible to the north side of the lake. Upon reaching shore, the scouts had to jump out of their craft, pick it up, and run 100 yards to a storage area. Dropping the canoe at this storage place, they then ran up the hill towards the Heritage Park Zoo, jumped on mountain bikes, and pedaled off to the finish line, still miles away.

A total of 12 kayaks from the Prescott Paddle America Club were positioned at various places on the lake in case of any maritime mishap. The paddle club members were instructed to intervene only in the event of an upset. Any canoe team losing a paddle or losing direction were strictly on their own. The teams, with long, staggered starting times, had to plot a course using a map of Willow Lake and a compass, and were separated enough that one team could not see another. They couldn't look ahead and see where to go by "spying" on the earlier team!

Prior to the Saturday event, I asked for volunteers from the Yavapai Amateur Radio Club to standby that morning with their two meter equipment tuned to the 146.88 repeater. I had my handy-talkie with me and positioned myself for a good view of the lake, and in the event of trouble, would request help from the terra-firma hams. The event was well planned and the youngsters strong and determined; no distress call from

K7KOL/MM (Maritime Mobile) was necessary. It was re-assuring though, to know that a telephone call to 9-1-1 was available, if needed. Thanks to all of

you for that security.

The scouting officials and the Prescott Paddle Club thank the Yavapai Amateur Radio Club hams for their contribution to the success of the event.

73's  
Bob Kane, K7KOL  
October, 2003



## ARES/RACES ....



### Why Emergency Communications Basic Training ?

Education and training is what supplies the knowledge to help you build confidence in your ability to execute the required steps in the shortest amount of time and with the minimum amount of wasted motion. Hesitancy and indecisiveness will quickly tire you, as you are expending more mental energy than required, and that would soon dull your senses. Thus you educate yourself and train before the skills are needed. Education and training helps you function as part of a team.

Emergency communicators are part of an adaptive team that can rely on and support one another. All members must function as a cohesive unit. Individuals may possess great operating skills but will perform inadequately if they cannot work as part of a team.

### What You Need To Do

Find an organization active in developing emergency communicators. Find an ARES, RACES or similar program in your community. You may ask at your local amateur radio club meeting if you do not know of any organization in your area.

### Undergo An Educational/Training Program.

You may have to UNlearn some things you thought you knew

There are many false concepts on emergency communications due to impressions that are not based on actual field experience. Some of the most important emergency communications operating principles differ significantly from traditional daily amateur radio practices. These because emergency communications requires a network of message relay stations to be built from scratch and operating within minutes or very few hours of an activation.

Building a communications network is not done routinely by amateur operators in the normal course of enjoying the pastime. It is important to seek out educational material that is based on sound practices refined with actual field experience. Be open to learning new material, and the rationale of why it works.

Unlike individual amateur radio operators operating from a single station at home or in the mobile, emergency communications involves radio operators forming teams and relaying messages using both similar and dissimilar techniques simultaneously. Knowledgeable emergency communicators know very well that it's not a case of choosing which method is the "single one-size-fits-all method" for getting the job done but rather that it's a mix of techniques, whichever is appropriate for that particular message. These radio operators must work well and integrate with their host emergency management agency. While the lower levels of the operations may resemble and borrow from our personal experience as amateur radio technicians and operators, it requires personal growth to operate in a challenging an environment such as the one that materializes during an emergency.

### YARC Public Service.....

I want to thank all of the operators that took part in the three Public Service events that were held in September and especially thanks to Lee Cunningham, KC7CBK, for taking charge and organizing the events while I was out of town. I understand that all of the events went well and the served agencies were once again pleased with our help.

The Prescott Road Rally that was held October 3<sup>rd</sup> and 4<sup>th</sup> went very well this

year. It was the best Rally I have had the opportunity to work since getting involved in 1995. The Rally ran on time and the weather this year was great. Thanks to Bob Rosevear, WB7RRQ, for all of the work he puts in organizing communications for this event each year. It is no easy task.

Once again, we have been asked to set up a station at the Willow Springs Girl Scout Camp on Saturday, November 15<sup>th</sup>. Their event this year is called "Global Scouting USA". Last years event went very well and several of the Girl Scouts showed an interest in Amateur Radio.

*Lloyd Halgunseth  
WA6ZZJ*

## Fcc Asks Power Company To Try Harder To Resolve Noise Complaints

The FCC has asked American Electric Power Company of Columbus, Ohio, to take a closer look at several power line noise complaints and try harder to resolve them. The cases involve complaints from four Amateur Radio operators in Ohio, Indiana and Oklahoma.

“While we certainly appreciate the considerable effort that AEP afforded this matter, we are puzzled by the lack of results,” FCC Special Counsel Riley Hollingsworth wrote August 26 in a letter to AEP Senior Vice President Marsha P. Ryan. “In most cases, a noise source can be located easily by trained personnel using the proper equipment.”

AEP responded February 10 to the FCC’s initial correspondence regarding the four cases. Hollingsworth says, however, that follow-up reports from the complainants suggest discrepancies exist between what AEP told the FCC and what the complainants report. Hollingsworth said evidence to date indicates that none of the cases has been satisfactorily resolved.

In one case, AEP erroneously identified the amateur’s own antenna as the source of the noise.

Jerry Daugherty, W9FS, of Indiana told the FCC that he’s heard nothing from AEP and was not even aware that the utility was considering his case closed. “As of June 20, 2003, the noise was present at VHF and coming from several different locations,” Hollingsworth said, citing information from Daugherty.

James Kiskis, W8PA, of Ohio reported to the Commission that, although interference identified as coming from two utility poles was fixed, it has since returned from one of them. Kiskis told Hollingsworth that an AEP interference investigator showed up at his residence June 23 and--using a spectrum analyzer hooked up to Kiskis’ antenna--found strong noise on 20 and 10 meters. The investigator reportedly told Kiskis that he was turning his findings over to a line crew to have the problems repaired.

William Hannon, N8PW, of Ohio confirmed to the FCC that AEP had repaired several suspect utility poles, “including one very significant noise source,” Hollingsworth said. But, he added in his letter to Ryan, Hannon “continues to experience strong noise in dry weather conditions when his antenna is pointed east.”

Howard McCloud, KC5RGC, of Oklahoma reported power line noise last April and identified its source for AEP as utility lines about a mile from his station. McCloud was not aware that AEP had attempted to correct it, Hollingsworth wrote. “AEP now apparently maintains that the source of the noise is McCloud’s antenna, even when it is disconnected and on the ground,” a conclusion Hollingsworth labeled “patently defective.” McCloud reports relatively strong noise on HF that continues 24/7.

Hollingsworth asked AEP to “revisit each of these cases” and to update the FCC within 45 days of any progress in each case. He also referred the power company to ARRL RFI Specialist Mike Gruber, W1MG, for technical

*For Sale*

**Yaesu 757 GXII W/power  
Supply Works Great!**

**\$275.00.**

JIM - W6KCF

445-0750.

## SOME SMILES

### The Hard Truth

A man walks into a bar. He sees a good-looking lady sitting on a stool.

He walks up to her and says, “Hi there, how’s it going?”

She turns to him, looks him straight in the eyes and says, “I’ll screw anybody, any time, anywhere, your place, my place. It doesn’t matter.”

He says, “No kidding, what law firm do you work for?”

### DIPLOMACY

At Heathrow Airport, a 300-foot long red carpet stretches out to Air Force One and Mr. Bush strides to a warm but dignified hand shake from Queen Elizabeth II.

They ride in a silver 1934 Bentley limousine to the edge of central London where they then board an open 17th century coach pulled by six magnificent white matching horses.

They ride toward Buckingham Palace, each looking sideways and waving to the thousands of cheering Britons. So far everything is going well. Suddenly the right rear horse lets fly with the most horrendous earth-rending, eye-smarting blast of flatulence ever heard in the British Empire, and so powerful that it shakes the coach.

Uncomfortable, but under control, the two Dignitaries of State do their best to ignore the incident. But, embarrassed, the Queen decides its impossible to ignore it.

“Mr. President, please accept my regrets. I’m sure you understand that there are some things not even a Queen can control.”

Ever the Texas gentleman, the President replies, “Your Majesty, please don’t give the matter another thought. You know, if you hadn’t said something, I would have thought it was one of the horses!!!!

## Games For The Over 60 Crowd

1. Sag, You’re it.
2. Pin the Toupee on the bald guy.
3. 20 questions shouted into your good ear.
4. Red Rover, Red Rover, the nurse says Bend Over.
5. Doc Goose.
6. Simon says something incoherent.
7. Hide and go pee.
8. Spin the Bottle of Mylanta.

### 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-	C/S	Bill Williams Mtn.	BWARC
146.880-	100.0	Prescott	YARC
146.980-	100.0	Flagstaff-Elden	CARC
147.000-	100.0 162.2	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
927.3875-	?	“P” Mountain	WB7BYV

*\*Off the air until further notice*

### Weekly Information Net

Wednesday Nights @ 7:00 pm 146.880 (100 PL)

*If you don't have PL, transmit on 144.880 simplex when the repeater drops out.*

*All amateurs welcome*

### Monthly Meeting

3rd Thursday at Granite Middle School @ 7:00pm

*(N 34°43'56" W 112°27'15.4")*

### Next Meeting Thurs. Nov. 16, 2003 @ 7 pm

Wednesday morning breakfast–*Iron Horse Cafe*

*S. Hwy 89 in Chino Valley*

*(N 34°43'55.5" W 112°27'15.4")*

*Informal–All are invited*

Thursday morning breakfast–*Michael's Restaurant*

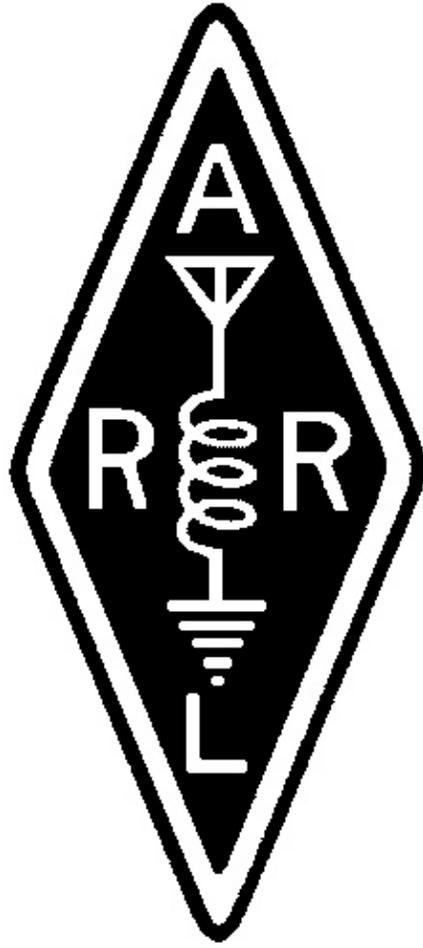
*in the Safeway Shopping Center,*

*Hwy 69 Prescott Valley*

*(N 34°35'13.33" W 112°19'44.6")*

*Informal–All are invited*

Location data provided by Fred Zimmerman NPJ, per WSG84 Datum



### 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*

