

9/17/98  
DAVID PASSEHL

# THE YAVAPAI AMATEUR RADIO CLUB PRESCOTT, ARIZONA VOL 8 - No. 9

## DM-34 SEPTEMBER 1998

The Yavapai signal

**WELCOME TO THE YAVAPAI AMATEUR RADIO CLUB NEWSLETTER** It was time for a few minor changes, so here they are. Changes and improvements may be an ongoing thing here. It's amazing what a new computer will do to your mind. Your comments or suggestions are invited and appreciated.

The Yavapai Amateur Radio Club is an ARRL affiliated club. The club participates in many activities in the tri-city 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. 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. The Yavapai County ARES/RACES NET is held on Monday nights approximately at 7:45PM local time on the 147.220+ repeater on Mingus Mtn.



### FCC, ARRL, Issue License Restructuring Proposals-FCC Comments Due 12/1

Both the FCC and the ARRL have issued proposals for restructuring amateur licensing. The first proposal came from the American Radio Relay League (ARRL), and calls for replacing the current 6-license class system with only four, and for a reduction in the maximum code speed requirement for higher license classes.

The FCC's proposal is less specific -- asking for amateur comment on what to do about code speeds -- but also proposes a four-step licensing "ladder."

The ARRL plan would replace the current "named" licenses with "Class A," "Class B," "Class C" and "Class D" tickets, with the privileges of Class A being equivalent to today's Amateur Extra class; Class B would carry current Advanced class privileges; Class C would be like today's General class, and Class D would be identical to the current Technician Class. The Novice and Technician-Plus (Tech+) licenses would be eliminated (the FCC plan would do this, too). Licensing requirements for Class D would be the same as for today's Technician. A Class C license would require the equivalent of the current General written exam, plus a 5 word-per-minute (wpm) code exam. There would be a 12 wpm code exam for a Class B license, along with the equivalent of today's Advanced Class written test. And the Class A license would require a written exam similar to the current Amateur Extra test, but no additional code exam. Finally, the ARRL says existing Novices and Tech+ licensees would be "grandfathered" into the higher-privilege Class C license. And the League's plan calls for "refarming" the current Novice subbands on 80, 40 and 15 meters as additional phone subbands open to Class A, B and C licensees.

The FCC proposal heads in the same direction but is less comprehensive. It also calls for eliminating the Novice and Tech+ licenses, but through attrition rather than "grandfathering" into the General class. It would simply stop issuing new Novice and Tech+ licenses, but would allow current licenses to be renewed. There is some confusion over the renewal of Tech+ licenses. In one part of the Notice of Proposed Rule Making (NPRM) -- identified as WT Docket 98-143 -- the Commission sets out continued HF privileges for Technicians who have passed a code exam, but elsewhere, says specifically that a renewal application for a Tech+ license will be treated as a renewal of a straight Technician license. Beyond that, no significant changes are proposed -- the FCC asks for amateur input on code speed requirements (the specific rule changes proposed call for totally eliminating Element 1A, the 5 wpm code exam, but language elsewhere suggests the Commission is looking to lower code speed requirements overall); (Continued on page 2)

what to do with the Novice subbands; and how to deal with perceived abuses of the disability waiver system for the 13- and 20-wpm code tests.

The comment deadline on WT Docket 98-143 is December 1, 1998, with reply comments due by January 15, 1999. The complete NPRM may be viewed on the ARRL web site, as may the League's own proposal. We recommend that you read both and file comments (the NPRM includes very specific instructions on filing electronic comments) telling the FCC not only what's wrong with their proposal (plenty, in our view), but also your suggestions on the right way to go, if you think restructuring is necessary at all. (From the CQ Magazine Website 8/98)



**SCCA PRESCOTT ROAD RALLY**

The road rally will be held October 2 and 3. Friday, the cars will leave the Prescottonian Motel at 4PM. Start Stage 1 at about 4:30PM. That means all help needs to be on stage 1,2,3 or 4 about 2PM. We need to be in place about 2 hours before the stage starts.

Saturday, the cars will leave to Prescottonian at 1PM and start stage 5 about 2:15PM. The help on stage 5 and 6 need to be in position by 12 noon. Stage 7 and 8 need to be in position about 1:30PM. Stage 9 and 10 need to be in position by 5PM. Things you should bring:

- |                   |                 |            |
|-------------------|-----------------|------------|
| Water & Snacks    | Chair           | Sunglasses |
| Clipboard & Paper | Pens & Pencils  | Flashlight |
| Map               | Extra Batteries | Jacket     |
| Portable Antenna  | Instructions    | Friend!    |

Stay tuned to the Wednesday night net for any last minute information or changes. If you have any questions, call me at 636-2777.



Bob Tilman, K7CJW

**YARC OFFICERS for 1998**

Bob Kane, K7KOL	President*
Lloyd Halgunseth-WA6ZZJ	VicePresident*
Kris Bearscove-KC7UNK	Secretary*
Fred Schefflette-KC7TIN	Treasurer*

**YARC BOARD OF DIRECTORS**

\*Includes Club Officers

Bob Rosevear WB7RRQ	Pen Brown KJ7KL
Tony Masvidal W7PCU	Frank Horneff WA6JBV
Terry Pemberton KB7TRE	



**UPCOMING EVENTS OF INTEREST**

-  September 19-20 ARRL 10GHz Contest
-  September 26-27 CQ WW DX Contest-RTTY
-  October 3-4 California QSO Party 160-2m, CW & SSB.
-  November 14 VE Testing, Blind Center, Prescott. For further information contact John Wilson-KM6BF at 636-1228 or Dave Rutledge-W9KRQ at 541-1225

**Detailed information on contests and special events can be found in QST, Worldradio, and other amateur publications.**



**Club Repeater**

The local 146.880- MHz repeater is the official adopted repeater for the YARC. It is located in north Prescott on the hill above Willow Creek Rd and requires a PL of 100.0 hz. There is a second area repeater on Mt. Francis on 147.040+ MHz and also requires a PL of 100.0 Hz. Coverage of the 2 repeaters varies, but both cover the local area quite well. Many thanks to Bill Kafka, W2YAV for the upkeep and use of the repeaters.



## AUGUST MEETING

The meeting was called to order by Bob Kane, K7KOL, President, at 7:02PM with more than 37 present. Six visitors were introduced. N7NBK, Ken Morlen and his daughter, Jennifer, AA7MH, Shep Shepard; W1JF, John Fogel; AA7OV, Al Barber; and Angie McCaw from the Office of Emergency Management.

The minutes of May's meeting were read by Secretary, Kris Bearscove, KC7UNK. A motion was made to accept the minutes as read. The motion was seconded and carried through by unanimous vote. The Treasurer's report was given by Fred Shefflette, KC7TIN and approved by the membership.

**OLD BUSINESS** Lee Cunningham, KC7CBK, reported on the antenna ordinance in Prescott Valley. The final stages are in the works. The amended ordinance will be voted on at the Prescott Valley Planning and Zoning meeting on September 14th. Chino Valley and Prescott's ordinances have already passed and excluded ham radio.

Bob Tilman, KC7CJW made the announcement that this years road rally will be held on October 2nd and 3rd. On Friday, the race will be held on Senator Highway and end about 11pm. Saturday, the final stages will be north of Chino Valley and end around 10pm. Bob passed around a sign-up sheet for volunteer operators for those two days.

**NEW BUSINESS** Lloyd Halgunseth, WA6ZZJ, announced the official merger of the Yavapai County RACES and ARES. The combined net will be on Mondays starting at 6:45pm. Lloyd also announced the plans of getting a packet node for communications between Prescott and Phoenix. Also, in the planning stages, are plans to erect a 2m repeater on top of Mount Union. This repeater could ultimately be linked to the Verde Valley Amateur Radio Association's repeater on Mingus Mountain.

President Bob Kane, brought up the recommendations by the ARRL to the FCC to reduce the number classes of Amateur Radio licenses. The main difference in the new 4 class system would be the Morse Code requirements. The highest requirement for CW would be 12wpm for Advanced and Extra Class. General Class license would require a speed of 5wpm. The last class would require no Morse code practical test. After a brief discussion, the club voted in the majority to support the ARRL's recommendation. Secretary, Kris Bearscove, agreed to write a letter to ARRL about our club's support.

An announcement was made that the new Volunteer Examiner procedure has eliminated the sending portion of CW practical tests.

Terry Pemberton, KB7TRE, reported that the Granite Mountain Middle School Amateur Radio club will start back up, when school starts, and will run throughout the year. Terry also announced that National Education Week will be held most likely in October. There are plans to set up a Special Events station.

President Bob Kane mentioned that Amateur Radio, both local and nationally has received good coverage for participating in the Shuttle Amateur Radio Experiments involving community schools. On the same subject, it was announced that STS 93 will be the next SAREX.

Frank Bennett, N7VOJ asked if the club had a World Wide Web page. The answer being "NO", Frank volunteered to take on the task of getting our club on the Web. Numerous comments were made about how great a medium the Internet is for Ham Radio. Many clubs

throughout the world have many sites with features only dreamed of a few years ago.

The refreshment raffle was \$13.00 won by Pen Brown, KJ7KL. Pen donated the money to the Granite Mountain Middle School Amateur Radio club.

It's time to start thinking of new officers for the club. November is the next election.

With no further business, the meeting was adjourned and a movie about the Navajo Code Talkers followed for the evenings program.

Respectfully submitted by secretary, Kris Bearscove.  
(bearsck@pr.erau.edu)



## THE NEWSLETTER

If you have anything to share, please feel free to submit it for inclusion in the newsletter. We welcome your comments, stories, personal experiences, or other items related to the hobby. Send e-mail to:

**km6bf@primenet.com**

Occasionally we will have articles from other clubs newsletters for your enjoyment:

**From the Mt. Diablo ARC's CARRIER Newsletter 8/98**

**Presidential QRM By Sam Lipson, KO6JR**

Well, it is August and that means that there are less than two months until PACIFI-CON'98. I hope that all of you are involved in this great Pacific Division Convention. If you are, we thank you. If not, there are still lots of jobs which need to be done. Contact Greg, KE6VTA or anyone else on the Pacificon committee for ideas. We welcome everyone's participation. The more people helping out, the less for each member of the team to do and more time to enjoy the convention as well. Also, September brings our semi-annual auction. Now is the time to look for those items which you no longer want in your shack. What you don't need or want may be something special to another Ham. Take a good look around and see what you can find.

As you may have noticed recently, the *Carrier* is a bit thin. This is because we are still looking for material to publish. Jerry, W6UV, does a great job with the editorial work on our newsletter, but the material must come from us. If we send Jerry materials, then he will publish it and we will have more interesting Ham related material in our mail boxes every month. Think about what you have done recently and write about it. It can be about a Public Service event, an outing or just an evening spent working in your shack. We encourage all of you to write for OUR *Carrier*.

This has been a very busy year for Public Service. I want to thank each and every one of you who has participated. This is great publicity for Ham Radio as well as just knowing that we can help out our communities. Public Service is also great practice for emergency communications. Keep up the great work and keep volunteering. Everyone appreciates it. So, until the next meeting, I look forward to hearing you on the air.

73, de Sam, KO6JR

**PACKET IS ALIVE!** By Lee Cunningham, KC7CBK

The sun was climbing towards the heavens when I arrived at the meeting place. Eighteen of the best packeteers this side of Mingus Mountain sat around the table staring at each other..... Wait a minute this isn't the plot of a western movie. This is a meeting of the system operators and users of packet radio on this side of Mingus Mountain. Lynn Clark, KC7PJO( HUMBt and HUMBaz), opened the meeting by introducing Leonard Beers, KB7FRV( BBS and PRC). Leonard explained that the response of the Mingus Mountain Repeater Group to maintain the Mingus Node on Mingus Mountain has been dismal at best. The Mingus Node has been the only "route" out of Prescott and the Verde Valley to Phoenix and California or to Flagstaff, Colorado, and other points. It has been on and off the air so many times in the last several months.

Since the MMRG will not adequately maintain the Node, others have placed Nodes to replace the Mingus Node, which is on 145.070 MHz. Leonard has maintained a BBS for users in the area for many years. He has moved his BBS to the 145.030 MHz frequency and PRC is on 145.010 MHz. Tom Nichelson, AA7HZ, established MNGWT Node to connect to the WHTNKS Node on White Tanks Mountain approximately 6 miles west of Phoenix. Through WHTNKS Node you can connect to Phoenix, Mesa, and several other Nodes. Lynn, KC7PJO, has moved HUMBt Node to the same 145.030 MHz frequency. You can "route" through him to HUMBaz to connect to other Nodes on 145.690 MHz frequency. "Shep" Shepard, AA7MH, has the DAVIS Node on 145.690 MHz and the PRCDX on 144.930 MHz frequency. There are several other Nodes, such as, PRSVAL, PVBBS, and PVGATE all run by Al Tury, WD6ETH on the 145.710 MHz frequency. If you connect to MNGPV, AA7HZ, you'll connect to 145.030 MHz frequency. Hugh Wilcox, WA3ELA, has PRCHGT Node on this frequency. From here you can connect to COTTON, N7SBW, in the Verde Valley or to KGM3, WB7BNI, in Kingman. And let's not forget Wally Tryon, KC7AEX BBS

Leonard explained that the ELDEN Node, N7CEE, which was sponsored by Bruce Grubbs, is off the air at this time but will return to 145.010 MHz frequency as soon as a new sponsor is found. The NAVMT Node, located on Navajo Mountain, is on this frequency and it provides "Routes" to California, Colorado, and New Mexico. Leonard cautioned users not to believe the Nodes List ( CMD: "N"odes) as the Nodes listed may not exist. He also suggested that the sysops clear their Nodes List if they change frequency at any time. You can cross check the Nodes List with the Routes List (CMD: "R"outes) to verify the path. The Help command (CMD: "H"elp or ?) should get you a list of commands to use. Information (CMD: "I"nfo) will usually give you the location of the Node and some other pertinent information.




Leonard introduced "Shep" Shepard, AA7MH, to explain future plans. Shep and several "Hams" have been working on a plan to acquire the use of the old Department of Energy site on Mount Union. With the help of the Yavapai county Department of Emergency Management, they were able to negotiate a twenty-year contract for the site for \$100 per year. The site on Mount Union is a steel building equipped with a generator, a propane fuel tank, and a 30 foot tower. As soon as the electric can be reconnected by APS, Shep will move his Davis Node, which is presently about 300 feet from the site, and rename it UNION. Leonard will move his PRC Node, which is on Indian Hill, to the site and use 145.010 MHz frequency. Mount Union is 7,979 feet in elevation. The site will give good coverage to Yavapai County and a route to the State Department of Emergency Management in Phoenix.

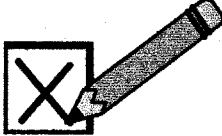
George Strickroth, WA3PNT, from Heber suggested a few things for the sysops to check and quantify. George operates the HEBER Node which is located on SR 260 about 40 miles WNW of Showlow. You can connect to George and his wife Carolyn, KC7RAE, through PNLPK (Pinal Peak) and HTOAD9 (Clay Springs). A suggestion for users is to

set your beacon to send "every 120" ( x10 "every 1200 seconds or 20 minutes"). The last item of business, which was tabled until the Mount Union site is in service, is what frequency will we use locally? It would be best if the packet users would stay off the frequencies that route to distant Nodes. For example: 145.710 MHz is the frequency for White Tanks Node (WHTNKS) or 145.030 MHz which has the Kingman Node (KGM3) or 145.010 MHz for Flagstaff (ELDEN). A local frequency would allow the users to send and read mail, check bulletins, and connect to local users without interfering with transient traffic. A temporary Node (SPRUCE) is now in service on Mount Union on 144.910 MHz. Please try it out.

During the writing of this article I found out from Leonard that Tom Gewecke, W7THG, will be the new sysops for the ELDEN Node. If you're new to packet or want to get started, please contact me, Lee Cunningham, KC7CBK, via packet on 145.030 MHz or e-mail (leeco1@juno.com) or telephone(520-771-2055). You can also contact any of the persons mentioned in this article and I'm sure they will help you in any way they can. Present at the meeting were:

Sysops	Call sign Users	Call sign
Lynn Clark	KC7PJO Liz Clark	KC7PJO
George Strickroth	WA3PNT Carolyn Strickroth	KC7RAE
Al Tury	WD6ETH Lee Cunningham	KC7CBK
Hugh Wilcox	WA3ELA Lloyd Halgunseth	WA6ZZJ
Leonard Beers	KB7FRV Mary Miraldi	AB7NK
Tom Nickelson	AA7HZ Walt Loesche	WF7J
Shep Shepard	AA7MH Joan Tremper	AB7KE
Wally Tryon	KC7AEX Jack Bullington	KB7YYP
	Gino Holton	W7GJT
	Mitch Mitchell	W7GWN



### Volunteer Examiner Testing

The final testing date for 1998 will be Saturday November 14 at 10:00AM at the Blind Center 440 N. Washington St Prescott.

All those attending for tests must have **ORIGINAL** license and a copy, Original CSCE's and 1 photo ID. Special test sessions may be accommodated according to demands, as needed. The test fee for 1998 will be \$6.35. Further information can be obtained by contacting John Wilson-KM6BF at 636-1228 or Dave Rutledge-W9KRQ at 541-1225.

**YOUR LOCAL PRESCOTT AREA VE's**

AB7KE	Joan Tremper	AB7KF	Bob Nichols
AB7NK	Mary Miraldi	AB7VH	Ruth Enabnit
K7KOL	Bob Kane	KA7NGK	Don Broadston
KB7FRV	Leonard Beers	KC7AGL	Don Muller
AB7SK	Ginger LeGendre	KK7JH	Billy Peters
KG7OL	David Miller	KI7EB	Bill Thrift
KI7MA	John Dawson	KJ7DX	Matt Strandberg
KJ7KL	Pen Brown	KM6BF	John Wilson
N7VG	Vern Gregory	W2YAV	Bill Kafka
W7DC	Bob Harkey	W6HDP	Bill Jackson
W9KRQ	Dave Rutledge	W7HP	Jim Perrone
	WF7J	Walt Loesche	



## The President's Message

### THE DEBATE CONTINUES

The ongoing debate about the proposed license restructuring is burning up the airwaves these days. With the FCC releasing their own version

of restructuring, many amateurs are even more confused now. To add to the confusion, the airwaves are full of erroneous information. Remember, these are only proposals at this time. Until any changes are made officially, it is business as usual for testing, licensing and operating on the amateur bands.

The proposed changes vary between the ARRL's and the FCC's versions, but both have some good points. Reducing the license classes down to 4 may simplify the testing process. Expanding the voice portions of the HF bands may relieve some congestion on the bands. However, increasing the technical test questions for upgrade exams may preclude many from upgrading.

Whatever the outcome, we'll have to live with it, as we did with the introduction of the No-Code license. On the bright side, at least nobody will be downgraded as a result of any changes that may take place.

For more complete and precise information, you should read the proposals in their entirety on the websites of the ARRL and the FCC.



73 from Bob, K7KOL



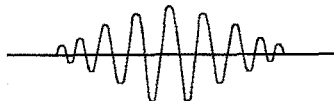
From the FAQ files  
(Frequently Asked Questions)

### WHY PL TONES?

A SIMPLE EXPLANATION

PART 2 of 2

by John Wilson, KM6BF



CONTINUED FROM LAST MONTH

Something that has not been discussed much is PL decode in your radios. Just as in the repeater receiver, if you have PL decode capability in your radio, you will only hear those signals transmitting the PL you have selected. Many amateurs use PL on simplex frequencies to eliminate hearing others. Only those transmitting the proper PL will be heard. Repeaters can be configured to do the same thing by re-transmitting or regenerating the PL tone out. This can be helpful in areas where more than one repeater can be heard on the same frequency. If you have PL receive or decode capability, and the repeater is transmitting PL, you will only hear that repeater. Sometimes the repeaters PL is controlled to be present only when there is a signal on it's receiver thereby eliminating your hearing ID's, courtesy tones, etc. However, many repeaters have high-pass filters in the audio section to eliminate the received PL from, being passed through to the transmitter. In some commercial applications there is even the use of different PL tones for TX and RX. If you have PL decode (receive)

capability your radio, try it on the input frequency to a repeater and see if the other party can be heard if they are transmitting PL.

Many of today's amateur radios also come with DTMF squelch, which is an added bonus for privacy or rejecting unwanted stations from your receiver. The station calling you must have the correct sequence of 3 or 4 DTMF tones which could be any combination of the numbers 0-9 and even the alpha characters A B C D and the \* and # to activate your radio. This can be combined with PL tones to act as a "double-lock". The transmitting station then must not only have the correct PL tone but also the correct DTMF sequence to activate your receiver. Think of the possibilities-up to 38,000 different DTMF tone sequences and 38 different PL tones-that's over 1 million combinations you could choose from. Drawbacks? Yes, you have to remember all the numbers!

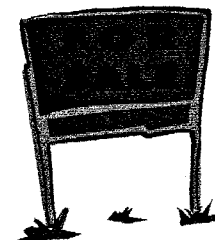
The bottom line is, although PL has been around for a long time, it is still not in use 100% in all radios or systems. Eventually, look for more and more amateur repeaters to require PL for access. This could not be a problem, as almost all of today's modern VHF/UHF transceivers are already equipped with PL transmit, and more are coming with transmit/receive (encode/decode) capability.



### STRICTLY EDITORIAL

I have recently read several articles relating to the increasing average age of amateurs, lack of involvement in the hobby by younger people and declining numbers in general. The writers seem to blame it on the high cost of today's radio equipment and always seem to want to go back in time when a good HF rig only cost \$500 and you can pick one up today for \$200 and it still works. They say that the younger people can't afford today's pricey equipment and therefore aren't exposed to modern technology. They also say that the INTERNET is a more modern way to communicate and that's why younger people aren't getting into amateur radio. Well, if they can afford a \$1200-\$1500 computer and \$20.00 a month to connect to the INTERNET, they can surely afford, somewhere along the line, a radio to communicate with. Perhaps the parents of these youngsters can justify the cost of that computer, but not \$300 for a decent VHF/UHF radio or \$100-\$200 for a good used one. What's wrong with that picture? Sure, the manufacturers are progressing with more sophisticated equipment with more bells and whistles every day, but they are also promoting lower cost radios with all the essentials necessary to communicate with. So, what's the problem? The "I can't afford it" syndrome doesn't seem to work with me.

John Wilson, KM6BF-Editor



GOT ANYTHING FOR SALE? CLUB MEMBERS CAN LIST THEIR EQUIPMENT IN THE NEWSLETTER FOR FREE.



**WE GET LETTERS!**

Occasionally we receive correspondence worthy of reprinting for our members benefit.

**ONE LOCAL AMATEURS OPINION**

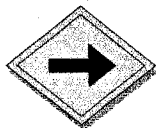
W6TXS, as an Extra Class licensee, I have come to appreciate the added degree operating expertise the 25/20 WPM requirement has provided on the first 25 KHz of 20 and 40 Mtrs. Even with the operating experience and ability required to reach this level of expertise, the presence of LIDS in this especial community is evident, and it shouldn't be further diluted! Now to consider the giving away of this precious 25 KHz of band width to folks that have acquired a questionable 15 WPM potential, within the present limited one minute of VEC testing, is to give away a commodity many of us CW fellas treasure. For the ARRL to even consider such a give away, as a member . . . I consider presumptuous, and I resent it. The classification of my license is of no concern, A, B, C, or whatever, but don't mess around with the professional/CW expertise required for those first 25 KHz.

As you might understand from the foregoing, my objection must be recorded as being against the giving away of 20 and 40 M first 25 KHz to 12 WPM licensees.

W6TXS, G.L. Hauk  
487 Bradshaw Drive, Prescott, AZ

*Thanks, George. You're not alone!*

FROM THE "I can't believe I heard it on amateur radio" files:



SAY WHAT?

"I got more bang for my buck. That radio blew up right after I bought it!"

"I want more elements on my beam so I can hear better."

"I can't hear those repeaters so they must not be there!"

"I heard a good DX station on HF but he didn't hear me. He must have a lousy receiver."

"I'm running full power here and I still can't hear you very good."

"Maybe if my beam was spinning around 360 degrees all the time I would hear more."

"That lightning changed the channel on my radio!"

"The antenna works so good because it's convoluted!"

"If you want to learn how to operate that new radio you're going to have to spend some quality time with it!"

"Those new antennas from XYZ company are great. They have good front end loading!"

"The Fire Dept repeater keeps interfering with our repeater. They should shut theirs off!"

"Well, this new license proposal will stop people from flim-flamming their way into amateur radio!"



**OTHER NEWS OF INTEREST**  
from Pen Brown, KJ7KL



**KJ7DX OFF TO COLLEGE**

YARC member and Past President Matt Strandberg, KJ7DX has started school the University of Arizona in Tucson. Matt is settled in and with no antennas and no access to repeater systems that will get to Prescott, so

his only means of communication at this time is via the internet or the old fashioned phone line. Word has it that Matt is carrying a full class load and spends most of his time studying, but still finds time to scope out the coeds, too! Imagine that? We wish Matt well in his studies and look forward to hearing from him.

**LIKE WHAT'S THE FCC, DUDE?**

The Los Angeles Times reports on a strange bust by the FCC. It happened recently in Columbia, Maryland where District Director Charles Magin used a car full of high-tech direction finding gear to pinpoint a false marine radio distress signal.

Magin says that he rounded a corner on Maryland's Kent Island and flashed his badge to six dumbfounded teenagers. He figured he has the upper hand so he asked which one has been operating the radio?

But the shocked suspects, ages 13 to 15, had an even more pressing questions of their own. They looked over and asked Magin: "What's the FCC? Are you, like, part of the Coast Guard or something?" (CGC Communicator, LA Times via NEWSLINE)



### MARINE TRACKING BY HAMS

Hams in Florida recently helped to track down the source of a signal on marine channel 16. This is the channel most often used for emergencies and as a calling frequency. District Emergency Coordinator Linda Mullen, AD4BL, reports that WA4IMC was able to find the offending transmitter. This, through a process of elimination of reports from other amateurs monitoring the 156.80 MHz signal. The source of the signal turned out to be a bag dropped on a push to talk microphone. The signal remained on the air for several hours making it easy to locate. (From the ARRL via NEWSLINE)

### WAYWARD ROBOT

And finally the story of a law suit against a robot. Actually against a company that owns an industrial robot that one woman says assaulted her. The woman is a former employee of Pacific Bell in San Ramon, California. She is suing the company because the five hundred pound robot that delivers the mail squashed her against a filing cabinet, injuring her shoulder, back, hand and feet.

A Pacific Bell spokesman says the robot nick named Zippy moves at a snail's pace. That it is loaded with safety features that include lights and a horn. The spokesman says the robot has been in service for over thirteen years and has had a spotless safety record -- until now.

And if we can offer a suggestion of our own. Maybe Pac Bell should get famed announcer Dick Tufeld to record his equally famous line "Warning Will Robinson -- Danger!!" Then install it in their machine so everyone will know when the Pacific Bell robot is on its way. (From NEWSLINE of 8/28/98 via reader/listener submission)



Comments have been favorable for a dual membership ARES/RACES organization. In keeping with this, we are taking steps to organize as YAVAPAI COUNTY ARES/RACES by combining the weekly nets into one net which will be held on Monday evenings at 7:45PM on the 147.220 MHz (no PL) Mingus Mtn. repeater. I realize some members may not be able to access this repeater, and other means may have to be taken to keep in touch with these stations. The first countywide net was held Monday, August 31, 1998.

Every effort should be made to check into the weekly net. The net will serve several purposes. It will give a means if disseminating information and training to the

membership. If an activation or call-up should occur we can look back at the last net session and have a ready list of people who may be available. It will also give a means to check our radios at least once a week to be sure they are in working order.

We will soon have a Packet Node installed on Mt. Union with plans for a 2-meter repeater in the future. We are working on organizing a Countywide Packet Net. More announcements on this will be made on the weekly net.

If there are any questions I can be contacted at (520)717-2706 or at [wa6zzj@northlink.com](mailto:wa6zzj@northlink.com) for email.

Let's all work together to be all that we can be in bringing Yavapai County Emergency Communications into the 21st century.

### Lloyd Halgunseth, WA6ZZJ Yavapai County DEC/RO



### AREA REPEATERS

52.560- 53.040-	100.0 Hz C/S	Mt Union (-500KHz) Airport(-1 MHz)
145.350- 145.370- 146.780- 146.880- 146.980- 147.000+ 147.040+ 147.140+ 147.220+	C/S C/S 91.5 100.0 100.0 100.0/162.2 100.0 162.2 C/S	Wildflower Towers Bill Williams Mtn. Prescott Flagstaff(Mt Eldon) Mingus Mtn. Mt. Francis Flagstaff(Mt. Eldon) Mingus Mtn.
223.960-	127.3	Mt. Francis
442.150+ 442.350+ 449.175	100.0 100.0 C/S	Mingus Mtn. Glassford Hill Towers

ADDITIONS, DELETIONS AND CORRECTIONS ARE APPRECIATED.



**WEEKLY NET - WEDNESDAY NIGHTS @ 7:00 PM 146.880- (100.0 PL) IF YOU DON'T HAVE PL, TRANSMIT ON 146.880 SIMPLEX WHEN THE REPEATER DROPS OUT.**

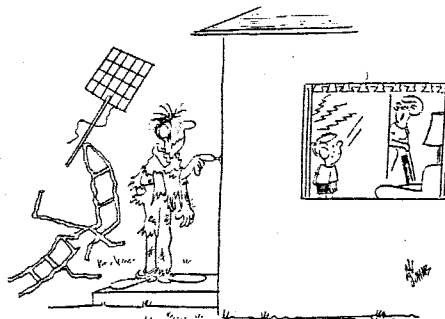
**MONTHLY MEETING - 3rd THURSDAY @ GRANITE MTN MIDDLE SCHOOL 7:00PM NEXT MEETING THURS. OCTOBER 15 @ 7:00pm**



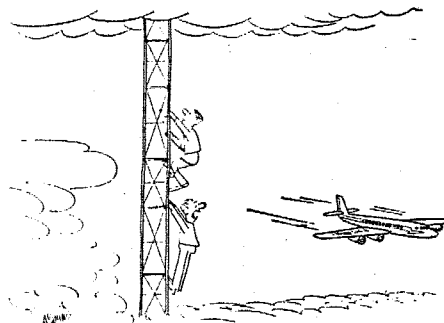
Wednesday Morning Breakfast-Iron Horse Cafe in Chino Valley. 7:00am. Informal-All are invited. Come and see Lloyd-N7QZQ pour coffee for everyone. Lloyd says "Is there a Coffee Pourers Union?"

Thursday Morning Breakfast-Micheal's Restaurant in the Safeway Shopping Center, Prescott Valley. 8:00am. All are invited.

**CARTOONS COURTESY OF WORLD RADIO™ MAGAZINE**



"Jimmy, if that's for your father, tell them he's on the roof installing an antenna."



"How high is this antenna of yours, anyway, Steve?"

**YAVAPAI AMATEUR RADIO CLUB  
PO BOX 11994  
PRESCOTT, AZ 86304**

9/17/98 First time using the bag.  
Meeting in Room 200  
26 in person attendance  
Refreshment 53.20

- Brought in new coffee
- first in time for next time
- 5 fresh Bels.
- 2 PKC Choc Chips
- 27 root Beer

1718 0  
1940 0  
October race results of Oct 2 & 3.  
- FH - TO CROWN KING 2 BDC  
- SAT - FH JEROME TO PEAKINSVILLE, OK - BDC

OLD ~~NEW~~ BUSINESS  
WEB SITE

WWW.YARC.ORG  
11 . PR. ERAU. EDU / YARC  
HTTP://PR. ERAU. EDU / YARC / BENNET / YARC. HTML



2008 KC9GQ for OLIVER \$11.00  
1 Won Raffle & donated to T. Teb P. EMMS ARC  
RECONSTRUCTED 1929 TRANSMITTER