

The Yavapai Signal

**THE YAVAPAI AMATEUR RADIO CLUB
PRESCOTT, ARIZONA DM-34**

VOL 9 - No. 9

SEPTEMBER, 1999



WELCOME TO THE YAVAPAI AMATEUR RADIO CLUB 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 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.



PRESCOTT FOREST RALLY OCTOBER

2nd WELCOME TO ALL WORKERS ON OUR ROAD RALLY!! TO MAKE THE RALLY FUN AND SUCCESSFUL PLEASE NOTE THE FOLLOWING LIST OF USEFUL ITEMS TO TAKE WITH YOU:

RADIO EQUIPMENT MINIMUM - 5 WATT RADIO WITH A 5/8 WAVE ANTENNA OR EQUIVALENT!!!!!!!!!!!!!! PREFERRED - BASE MOBILE 25+ WATTS, 5/8 WAVE ANTENNA OR BETTER!!!!

LIQUID REFRESHMENTS (NON-ALCOHOLIC)

FOOD (ALL DAY EVENT) HAT

SUNSCREEN

Pens and/or pencils

Clipboard

Warm clothing

Plastic bag for trash

Overhead shade (tarp?)

Chapstick

Flashlight

Spare batteries for handheld flashlight

Lawn chair

Spare HT batteries

Bring a friend!

Install frequencies ahead of time. Please let us know how things went afterwards - we appreciate your advice and comments! Thanks to everyone who volunteered and will be participating.

Bob Rosevear, WB7RRQ

FROM THE DESK OF THE PRESIDENT

If you haven't participated in the SCCA Forest Road Rally, you've missed a whole lot of fun. The cars used in the rally are modified pre-production. Can you imagine going as fast as the you can along a winding dirt/gravel road! I'm sure you've seen some chase scenes in the movies but these are much more spectacular. Come join us on October 2nd and help us provide a safe road rally. See Bob, WB7RRQ, or Maher, KD7DSO, for details.

The Jamboree-On The Air is on October 16th and 17th. We had planned to have the scouts join us at the shack at GMMS but it looks like they will be on a camp out. How about another "field day". I'm looking forward to an outing in the great out-of-doors.

A special thanks to John, KM6BF, for the donation of \$100 to our repeater fund in memory of Lorene Morrison. Our condolences to you, John, and to her family for their loss.

Have you looked at our web site? A big Thank You to Bob, WB6ODR, for the wonderful work.

73s for now. KC7CBK

YARC OFFICERS for 1999

Lee Cunningham, KC7CBK

Hai Tritel, N6OVE

Kris Bearscove-KC7UNK

Tony Masvidal, W7PCU

Fred Schefflette-KC7TIN

President*

VicePresident*

Secretary*

(a)Secretary*

Treasurer*

YARC BOARD OF DIRECTORS

*Includes Club Officers

Bob Kane, K7KOL

Frank Hornoff WA6JBV

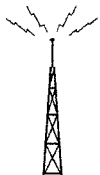
Dale Leslie, N7XFD

(a) Tony Masvidal will share the secretary's duties with Kris until he graduates and leaves sometime in July

NEWSLETTER EDITOR

John Wilson-KM6BF

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. Many thanks to Bill Kafka, W2YAV for the upkeep and use of the repeater.

SCHOOL HAM CLUBS BENEFIT FROM ARIZONA TAX CREDIT



NEWINGTON, CT, Aug 18, 1999—Hams in Arizona have been taking advantage of a provision in that state's tax laws to donate money to schools for Amateur Radio clubs. If you live in Arizona, you can contribute up to \$200 toward extracurricular activities at public schools and deduct the entire amount as a tax credit. This means that if an Arizona taxpayer contributes

\$50 to the Amateur Radio club at the local public school, the taxpayer can—within the provisions of the state law—deduct the same amount from his or her total Arizona state tax liability.

Under the Arizona law, enacted in 1997, taxpayers there may claim the \$200 tax credit, in lieu of a deduction, for any fees paid by a taxpayer to a public school for school-sponsored extracurricular activities that require enrolled students to pay a fee in order to participate. The law lets taxpayers carry forward excess credit amounts for up to five consecutive years. A similar piece of legislation also allows up to \$500 credit for contributions to private schools and charitable organizations that grant scholarships.

According to a story in the Arizona Daily Star, in 1998 donors gave Pima County school districts some \$878,000—money that the individual taxpayers involved can subtract from their respective state tax bills.

The tax law provision offers new life for activities such as Amateur Radio clubs, providing funds for equipment for a school station, materials for antennas, license study manuals, and similar expenses. Contributions to Arizona schools that meet the law's requirements can be directed specifically to school Amateur Radio clubs and taxpayers will receive a receipt for tax purposes.

"I only became aware of this bill in mid December of 1998," said Lloyd Miller, N7GV, of Green Valley, Arizona. To beat the December 31 deadline, Miller says his Green Valley Amateur Radio Club scurried around and got a letter out to 80 club members who were Arizona residents. "We got a lot of phone calls from members who said it was too good to be true," he said. The net result was gratifying, however: \$1900 to the Continental Elementary School Radio Club. The contributions, which surprised school officials who had not even tried to solicit them, wound up being the most collected per pupil of any school in the state.

"We have spent only about \$200 so far for instructional materials but intend to spend most of it in the fall for a HF transceiver and antenna," said Miller, who is GVARC's training coordinator. "If the program is still in effect next year, we are thinking of VHF gear and kits the club members can assemble." Miller says three Continental School students have earned their tickets, and his club is working to get other youngsters licensed.

Most states do not yet have similar legislation in place, but certain contributions of this type may be deductible as charitable contributions on your itemized federal income tax return. Check with a tax professional. Hams in Pennsylvania and elsewhere are looking into getting similar laws enacted in their states.

For a copy of the applicable Arizona tax-credit statutes, contact Dan Miller, K3UFG, at k3ufg@arrl.org, or call (860) 594-0340.



UPCOMING EVENTS OF INTEREST

▶ October 1-3 ARRL-SW Div. Convention, Long Beach, CA. (See back page for information)

▶ October 2-Prescott Forest Road Rally

▶ October 15-17 ARRL-Pacific Div. Convention-Concord, CA.



October 17-19 QCWA QSO Party

October 21 – Next YARC Meeting

November 13 VE Testing-Prescott 10AM

More detailed information on Contests and Special Events can be found in most amateur publications such as QST, Worldradio, and others.



AUGUST MEETING

The August meeting was called to order at 1900 hrs by the President, Lee-KC7CBK. Two visitors were introduced at that time, Walt-KF6SBS and Bill-KA8REX. Tony-W7PCU read the minutes. Kids day was a suggestion for next year. Club Treasurer Fred-KC7TIN gave his report. The club treasury had \$338.96, the repeater fund had \$90.50, general fund was \$248.46 and the refreshment fund was \$31.18.

Unfinished business. Arizona and US flags for our demonstrations were checked into by Terry-KB7TRE and they were going to be made of nylon. The costs were \$33.20 for the US and the state flag at \$32.50 with shipping and handling at \$6.35. Motion for approval of buying was by Dave-K6UWV and second by Terry-KB7TRE. Because of next months wheels for life Tony-W7PCU will try to find a picture for the newspaper. Bob-WB7RRQ talked about the road rally. It may be an international event next year. Looking at having a possible extra person i center or a portable situation for a quick response to a crash site.

John-KM6BF said that 9 people showed up for the last VE testing session. Lloyd-WA6ZZJ on the wheels for life in Chino Valley and our communications support. Still waiting for more information on it. Having the countywide Y2K exercise. It may just be a call out on the 147.22 and 146.88 machines. Each county supervisor will have a shadow. Sept 15th will have a statewide exercise. More info to follow. Bob-WB6ODR will get back into the web site shortly and updating. Kris-KC7UNK was advising folks that changes will start going to Tony-W7PCU now.

Information that ham radio towers are still exempt from restriction but still have to follow building codes. Oct 9th and 10th for test. If you have Windows 95B you have USB capability. June 3.0 available on upgrade. GPS rollover on Aug 24th. Meeting over at 7:42pm.

Raffle won by Fred-KB2CT

Program was by Bill-W6HDP on a video about the US Navy called "At Sea"

Assisting Secretary Tony-W7PCU



SPEAKERS WANTED! Want to make a presentation to the club? Got a favorite subject or experience you would like to share? If you do, we'd like to hear from you! Programs of interest are always needed for club meetings. Share your knowledge or experience with the rest of the club at our meetings. Contact Lee Cunningham, KC7CBK for more information.



THE NEWSLETTER

If you have anything to share, please feel free to submit it for inclusion in the newsletter. We welcome your suggestions, 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: This month is from Long Island, NY



President's Message

Neil, KC2KY

New Members. Please join me in welcoming two new members to the Radio Central ranks: Wojciech (pronounced "VOY-tek"), KG2QF, and John, W2PAF.

This Month's Meeting. The August meeting will feature guest speaker Pat Prague, from VDOT.net. Pat will be presenting an inside look at Internet Service Providers. This will be an opportunity to learn more about what is happening at the other end of the phone call when you go online.

Club Web Page Gets a New Home. The Radio Central club web page has been moved to a new home. The new URL is rcarc.org, and the page is being hosted by VDOT at no cost to the club. The domain name rcarc.org has been registered to George Church, WB2SJZ, since 1995. Warren, W2GZA, Carmine, KA2ELW, and Yours Truly started talking about rehosting the club page with the rcarc.org name around August 5. Carmine worked with VDOT to get us a place to host the page, George turned the rcarc.org name over to Radio Central, and Wally and Carmine had the whole page up and running, all within one week. Wally and Carmine are hard at work updating all the links and pages to get them as current as possible.

Next time you are on line, try connecting to <http://rcarc.org> and let us know what you think.

July Meeting. July's general meeting was "radio check out" night. Guy, KB2VVS, worked with Tektronix to arrange to borrow a spectrum analyzer and a network analyzer. We spent an evening checking out radios and antennas. We had some interesting results. Among the radios we checked out were some old Yaesu FT-227R HT's. Some of these radios were almost exactly on their displayed frequencies while others were as much as 10 kHz off. I guess half the battle to getting good performance from an old radio is knowing what it's actually putting out to begin with. We didn't try to re-tweak any radios - the idea of the meeting was just to get people acquainted with some of the test equipment needed to check a radio out and to let people know how well their radios were performing. The turnout was light, even for a summer meeting. My guess is that a lot of people figured that if they did not have a radio they wanted checked out they would not have much to do. We have some photos in this month's issue Random Oscillations to show you what you missed if you weren't there.

Summerfest. On July 25, Radio Central put on another of our successful outdoor hamfests despite the record high temperatures. We had a turnout of about 130 people and raised over \$600 to recharge the club Treasury. I was not able to get there early enough to get set up or run the hamfest, so Tom, WB2TK, stepped up to the plate and coordinated the whole hamfest along with young Tom, WB2TOM, John, KB2YEE, Doug, KB2ZLE, and Frank, KB2WQU.

Saint Charles Health Fair. The Saint Charles Health Fair will take place September 18 and 19. The Fair will be a bit different this year - the Saint Charles Society will be setting up a booth at the Maritime fair in downtown Port Jefferson. We will probably not be coordinating parking or directing traffic around weddings like we have done in the past three fairs. I am working with the organizers from the Saint Charles Society to see where we fit in this year. One thing for certain is that they have been very happy with the job we have done in the past and they definitely want our help this year. Mark September 18 and 19 on your calendar and please contact me if you want to become involved.

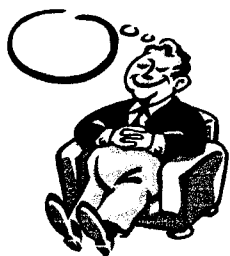
Hamexpo. Objects in calendar are closer than they appear. Hamexpo is slated for November 14 and that date is going to come at us quickly. For the past four years, our job has been simplified by the fact that Hilton people performed our setup and tear down. This year, since we are moving to the Polytechnic University Athletic Building, we have to do the setup and tear down ourselves. We will be saving some money so that more of the hamfest proceeds can go to the club, but it will be super critical that we all pull together and get the setup done.

New Storage Facility Needed. I received some unfortunate news from Tony, KB2IRO. The club garage we have been renting from Tony's mother is no longer available to us. Tony is living in Brooklyn now and his mom does not feel comfortable with us coming and going without Tony's supervision. Tony is giving us until December to find an alternate place. If anyone in the club knows of a place where we can store the club's inventory (tent, tower sections, antennas, tables and chairs) please let us know. We need an area about the size of a one-car garage to store everything.

FROM THE PAST-PRESIDENT

Fifteen Thousand Miles and One

Q-so



I'm on the road often, traveling between Prescott and Redlands, California to the west, and Fort Worth, Texas to the east,

with almost monthly trips to family in Flagstaff or Phoenix. Three years ago, I added a two-meter transceiver to the car's equipment, thinking of mile-sorbing, time compressing conversations with locals as I toiled through the many burgs straddling the interstate and state highways.

My usual route to California is via Iron Springs Road north and west through stunning Skull Valley, joining Hiway 89 at Kirkland Junction. Slowly driving through Peeples Valley because it's so awesome, and then slaloming down the Yarnell hill, watching out for that elephant's head painted on the rock dead ahead after one of those tire-squealing curves. I've been told that it's an ancient petroglyph; an omen chiseled by the aboriginal rock dwellers as a warning to incursive liberals from a more advanced civilization! But what a magnificent sight; gazing out from that high, serpentine road to the lonely, flat valley below, amazed that this is all Yavapai County! How did we get so lucky to live in such a majestic place?

This is the point in my trip that I thought of how ham radio could help wile away the hours crossing the many flat, empty miles of desert. Leaving Hiway 89 at Congress, I turn right on to Hiway 71, a road broken only by a ranch's black metal, rearing horse welcome and the overpass of Hiway 93 linking Wickenburg and Kingman. What a place for a flat tire on some nice, toasty summer day! The sandy berm along the roadway would hardly support a jack. Hiway 71 finally ends at US60 in Agila, and I turn right again for my next way-point: Woody's; a gas station and café, a veritable oasis with two "loos" around back.

These "facilities" can only be entered after passing in review of the local elite, sitting on a low, block wall. If there's a matrix showing the point at which humankind's physiology overtakes psychology, that loci on the matrix would be shown as a low, block-wall icon. Passing this crème de la crème gaggle perched on their block bulwark is mandatory though, as nature must be attended to! I know these men are worldly, because they're speaking a common, southwest language that is familiar, but unknown to me. From their low murmur, I can tell they're discussing the latest IMF decisions among themselves; they just don't want to intrude on my mindful purpose of seeking a different kind of relief.

Westing on US60, I try calling Wickenburg on 145.47 using 50 watts, but no answer. Kingman is hidden behind some hills, and Quartzite is still too far ahead, so I start one of the many audio books that I take on these trips. What a great way to "read" while piling on the miles; the landscape is so monotonous that it's easy to be absorbed by a talking book. On through Wenden and the repeated promise to turn right someday and visit Alamo Lake. Too bad it's so far off my track. Through Salome and I look for that beauty and her veils.

Salome: the dancing headswoman. I lose hope of seeing any civilization soon when I read the sign telling me, "You're beyond Hope". But, there in the distance the sun reflects off silver snakes inching their way west, and soon the snakes become eighteen wheelers charging along Interstate 10 towards LA. It's like a Hegira from the east, seeking the Mecca of the west, Los Angeles. I join the procession and dial up Quartzite on 145.31, my memory channel 22 and ID, "this is K7KOL on frequency" Silence. ID again, "this is K7KOL, Prescott, Arizona, mobile". Silence. By this time Quartzite is slipping by on my right, and the audio book is again presiding over my interest. Riding the concrete river west, I pass the state line and call Blythe, no answer. I later call Desert Center, no answer, then Indio, and no answer. What-sa-matta? My exhaust that bad smelling? Maybe I need to modify my language to resonate with the more ubiquitous, melodic tongue heard on the car's AM and FM bands. Sure glad I brought some books along!

Finally, Palm Springs is on my left and I dial up my channel 24 (145.48). "Palm Springs, this is K7KOL mobile from Prescott, Arizona." A voice comes back, "SO?" I reply, "station on frequency, this is K7KOL, over". Silence. I try again, "this is K7KOL, is someone there?" Silence. By this time the traffic through Banning and Beumont is demanding more of my attention, so I give up hamming for this trip and tune in some calming music on the FM as I make my way to Redlands, my destination. Maybe the next Texas trip will be better for QSO's.

The next year, at vehicle registration time, I opted for "ham call" plates, thinking that my advertising might generate some action. I had seen many ham cars pass on the road, and I would furtively call on 146.52, but no answer. On a trip to Texas, I came up alongside a car with what looked like a 2 meter/440 whip. I honked my horn to get the driver's attention, and when he turned to me, I held up five fingers, and then two fingers, followed by a showing of my mike. He answered me in the universal digital language of one finger and a distorted face. So much for that QSO!

Finally, on my last trip to Texas in August, a Chevy Suburban with Texas plate KD5OUG passed me on US 287 in Claude, Texas (remember Clyde, from Claude?). He was heading in my direction and as he passed, he held up his mike for me to see. I dialed up 146.50 and called; nothing. As I changed to 146.52, he was calling me. Wow, my plates finally worked after two years of surcharge!

Well, Doug KD5OUG and I talked for about three hours on five two, all the way from Claude to Wichita Falls. We both stopped in Vernon, about 40 miles northwest of Wichita Falls for an eye-ball QSO and pit stop. I told Doug that the ARRL should have a certificate for rag-chewing on 2 meters for so long. I thought we'd qualify for it. What a pleasant surprise to contact him, because we talked about everything under the sun for those three hours, and hardly any of our subjects concerned radio. It turns out that he's an investment advisor, and his wife was an advanced mathematics teacher. Those two subjects opened a whole flood of conversation for us. That was ham radio at its best! We have since kept in contact via e-mail, and I'll call him on



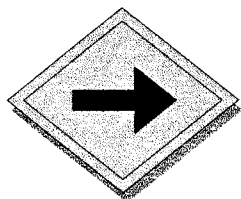
Dallas' 146.88 machine next time I'm there.

The next car I get will probably sport a tri-bander: 6, 2 and 440. I'll either find silence on three parts of the radio spectrum, or I'll find more people to talk to! Books-on-tape will still ride with me, just in case cultural conditions only permit "digital" communications!

I sallied through Henrietta, Texas after a brief stop for dinner at "Uncle Lynn's" Catfish Restaurant and found a woman sitting at the next table that just HAD to be Henrietta. She had hair like a helmet, boots up to her back and was loudly telling her tablemates about how her boy's football team would wee-in the next game, you betcha! With a belly full of hush puppies and catfish washed down with "tea" (iced, that is), it was back on the Road, to Rhome and two weeks of R&R.

All told, I've driven about 15,000 miles to the left coast and the middle coast with only one solid two meter QSO. I'm glad I never had to have any help on the road with a contact average like that. Maybe the tri-bander will bring up my averages. I was almost to the point where I wouldn't bother with the radio during these trips, just keep "reading" Michener or Hemingway. Since chatting with OUG though, I'll keep my "whoop-whar detonated to my transeeder" and look for some more intelligent life "out there!"

73's, Bob Kane, K7KOL



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

"I need a new microphone so I'm going down to HBO in Phoenix this Saturday!"

"I think somebody's trying to take over the repeater."

"They use PL tones so no one else can hear them!"

"I wish the tests were easier cause I'd really like to operate on HF!"

"My radio gets really hot. It needs some kind of air conditioning!"

"Would anyone hear us if we talked on the reverse?"

"If we want a private conversation we could go horizontal!"

"Simplex is boring!"

A new twist on the term "I want all my eggs in one basket" = "I want all my antennas on one mast!"



OTHER NEWS OF INTEREST

From Pen Brown, KJ7KL - Senior Communications Correspondent and News Analyst

AFRICAN RADIO PIRATES

African radio amateurs are suffering an invasion from pirate radio operators and there appears to be little that can be done to stem the tide. Q-News Graham Kemp, VK4BB, reports on this growing problem on the African continent:

Tom, 5Z4GD reporting from Africa in the monthly bulletin of the Amateur Radio Society of Kenya, whilst monitoring for intruders alleges one hundred frequencies in HF Amateur bands being in use by illegal Somali stations during June. There were eighty on 20m alone, of which 25 had contact with illegal stations in Kenya. Representations have been made to the authorities but although action may be possible within Kenya and in fact a few such "communications bureaus" have been shut down and the operators charged there is nothing anyone can do about stations in Somalia or southern Sudan either, where there remains plenty of activity on 40m. There is rather less activity now from DRC in Zaire but it is still there and that country has never, under any government, acceded to the ITU.

What can be done to help the hams in Africa is unknown. As Graham says, complaints to a nation that does not follow ITU rules does very little. (Q-News)

NWS/ARRL ON-AIR EVENT SET FOR NOVEMBER 27

NEWINGTON, CT, Aug 25, 1999--The ARRL and the National Weather Service will cosponsor an on-the-air event November 27, 1999--the final Saturday of the Atlantic hurricane season. The National Weather Service Special Event--a sort of mini-contest--is aimed at recognizing the contributions amateurs make to the NWS during threatening weather. It will provide an opportunity for NWS personnel and amateurs to learn more about each other and their capabilities in severe weather situations. NWS personnel will be encouraged to get on the air--under the supervision of a licensed control operator--and to consider getting licensed. The event also will allow NWS offices to test back-up communication in anticipation of Y2K.

The objective is for Amateur Radio operators at NWS sites to work as many other amateur stations as possible. The responsibility for setting up equipment and running the special event station at NWS sites rests with the local amateur community. Local NWS offices will provide the operators with a place to work the event, access to an area outdoors for antennas, power to run the equipment, and, of course, coffee.



Amateurs participating at NWS facilities should avoid interfering with office operations. At most, there should only be two operators at an NWS site at any time during the event. Amateur operators will be responsible for logging all contacts.

The event will run November 27 from 0000 UTC to 2400 UTC. Participating stations will operate on 80, 40, 30, 20, 17, 15, 12, 10, 6, and 2 meters. Although it's expected that most contacts will be on SSB, all other modes—including FM, CW, RTTY, and PSK31—may be used. Repeater contacts also are invited.

Operators will exchange their name, QTH, and a one or two-word description of the weather at the operator's location (for example, "sunny" or "partly cloudy"). A script will be transmitted at regular intervals to announce the purpose of the event and to provide QSL information.

A Web site, <http://www.crh.noaa.gov/gld/radio.htm>, provides operating instructions, a list of participating site stations, and QSL information.

Operators eligible for a QSL certificate should send a self-addressed stamped envelope to the National Weather Service, 920 Armory Rd, Goodland, KS 67735. The NWS will create the certificate, check the logs, and issue the certificates based on the following levels of achievement:

% of NWS Stations Worked	Certificate Achieved
5-25%	Stratus
26-50%	Cumulus
51-70%	Towering Cumulus
71-80%	Cumulonimbus
81-85%	Microburst
86-90%	Flash Flood
91-95%	Hurricane
96-100%	F5 Tornado

For more information, contact Scott Mentzer, KB0WPY, at the NWS: scott.mentzer@noaa.gov; 785-899-2360, or Rick Palm, K1CE, at the ARRL: k1ce@arrl.org; 860-594-0261; or visit <http://www.crh.noaa.gov/gld/radio.htm>.

FCC TACKLES VEC APPLICATION BACKLOG

NEWINGTON, CT, Aug 26, 1999—As the transition to the new Universal Licensing System completes its second week, the FCC has notified Volunteer Examiner Coordinators to forward their backlog of new and upgrade Amateur Radio applications. Since the ULS went on-line August 16, the FCC had been accepting and processing only a handful of the many Amateur Radio new and upgrade applications. The ULS Task Force had expected to be able to attack the VEC application logjam last week. ULS staffers were on duty over the past weekend, and some applications were processed.

"At present we are holding 200 sessions with 554 applications—data ready to be transmitted," ARRL-VEC Manager Bart Jahnke, W9JJ, said this morning. Those applications—some dating back as early as August 7—now have been submitted to the FCC for processing. Jahnke said the ARRL-VEC is still processing paperwork for another two dozen or so sessions representing an additional 75 applications. These will be forwarded to the FCC as soon as they are ready for

transmittal.

Since the advent of ULS, the ARRL-VEC was only able to transmit 119 applications from 32 exam sessions. The FCC has already processed 113 of those applications. Not all VECs are set up to file under the new system.

Apologizing for the problems and pleading for patience, the FCC says the Universal Licensing System "is currently operating" and that "performance problems with ULS have been repaired," although some amateurs still report occasional difficulty accessing the system. The FCC says the ULS will be down for a system upgrade from Friday, August 27 at 5 PM Eastern until Monday, August 30 at 8 AM Eastern. The FCC plans to deploy the ULS for the Microwave Service on Monday.

Meanwhile, call sign servers such as UALR, WM7D.net, and QRZ.com, and the FCC Transaction Search on ARRLWeb have not been able to update their licensee data because the FCC has yet to post the necessary ZIP file. The ULS Task Force said last week that it anticipated ZIP file posting to become "routine" by this week, but it did not happen. The ULS Task Force now says it may be able to post the ZIP file update on Monday. The ZIP file is used by on-line call sign servers as well as by Volunteer Examiner Coordinators to keep track of FCC license grants.

While it's been deploying the ULS for the Amateur Service, the FCC has not processed any vanity call sign applications, although the ULS will accept vanity applications for filing and has inaugurated on-line fee payment by credit card. The last vanity call sign processing run was August 4.

In the meantime, amateurs wanting to check on the status of applications filed via the ULS can do so via the ULS home page, <http://www.fcc.gov/wtb/uls>. Clicking on "Application Search" or "License Search" and plugging in the applicable call sign should yield the desired information.

Once the ULS is working as planned, automated acceptance and processing of electronically filed applications—including vanity—is supposed to occur nightly each business day. There will be no weekend processing under the ULS, as there was under the former licensing system. The built-in lag of at least 10 days between vanity applications and grants will remain, the ULS Task Force says.

For now, the ULS does not accept any club station applications, and amateurs registering for the ULS should register only their personal call signs. Trustees and custodians of club, military recreation, and RACES licenses should continue to use the old Form 610B to file applications for those stations and should not use their personal Social Security Number as the TIN for these licenses. Club station trustees and applicants should contact ULS Technical Support at 202-414-1250 to obtain an Assigned Taxpayer ID Number for each club license and provide it on the Form 610B.

To date, it appears that upwards of 15,000 amateurs already have registered in the ULS. The FCC encourages all licensees to register now, even if they have no immediate need to file an amateur application. On-line registration is available on the ULS home page,

http://www.fcc.gov/wtb/uls/.

This site includes complete registration and connection instructions.

Applications filed on-line by anyone not registered in the ULS will be dismissed. Applications filed through a VEC automatically register the applicant in ULS, as do paper applications mailed to FCC that include the applicant's Social Security Number. Manually-filed FCC Form 606s go to FCC, Information Technology Division, ATTN: Kathy McLucas, 1270 Fairfield Rd, Gettysburg, PA 17325-7245.

Amateurs having ULS problems or questions should contact the FCC's ULS Technical Support staff at 202-414-1250 or ulscomm@fcc.gov.



ARES/RACES NEWS

NEW EMERGENCY SERVICES AMATEUR REPEATER

The repeater on 147.04+, formally W2YAV's system is now with the Yavapai County Emergency Management with a new machine. Right now a new PL 103.5 is being

used. It is temporarily at KB7FRV's house being tested. before winging up at its new home up on Mt. Union.

Tony-W7PCU

The Yavapai County ARES/RACES net is held every Monday night at 6:45PM on the Mingus Mtn. 147.220+ repeater.

73

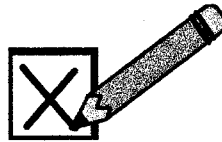
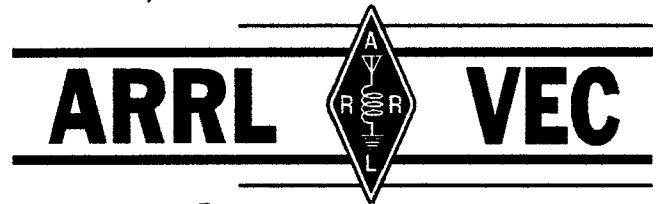
Lloyd Halgunseth WA6ZZJ
Yavapai County ARES / RACES
District Emergency Coordinator/Radio Officer
(520) 717-2706
wa6zzj@arrl.net



WE WANT YOU! Membership in the Yavapai Amateur Radio Club is \$20.00 for 1 year. Newsletters will be mailed only to those members not attending a meeting and current on dues. Those in arrears 3 months will be dropped from the membership list. Dues can be mailed to the club PO Box or given to the treasurer at any meeting.



GOT ANYTHING FOR SALE? CLUB MEMBERS CAN LIST THEIR EQUIPMENT HERE FREE.



Volunteer Examiner Testing



The last scheduled test session for this year will be held on Saturday November 13, 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. (VE's-remember to bring and wear your VE - ID Badge!) All applicants will be required to furnish a SSN or TIP on all applications.

Special test sessions may be accommodated according to demands, as needed. The test fee for 1999 will be \$ 6.45. 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 |
| AB7VH | Ruth Enabnit | K7KOL | Bob Kane |
| KA7NGK | Don Broadston | KB7FRV | Leonard Beers |
| KC7AGL | Don Muller | AB7SK | Ginger LeGendre |
| KK7JH | Billy Peters | KG7OL | David Miller |
| K17EB | Bill Thrift | 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 |
| | | WB6ODR | Bob Smith |

LOCAL AREA REPEATERS

52.560- 100.0 Hz	Mt. Union (-500KHz)
53.040- C/S	Airport (-1 MHz)
145.350- C/S	Wildflower Mtn.
145.370- C/S	Towers Mtn.
146.780- 91.5	Bill Williams Mtn.
146.880- 100.0	Prescott
146.980- 100.0	Flagstaff(Mt. Eldon)
147.000+ 100.0/162.2	Mingus Mtn.
147.040+ 103.5	Mt. Union-(testing)
147.140+ 162.2	Flagstaff(Mt. Eldon)
147.220+ C/S	Mingus Mtn.
223.960- 127.3	Chino Valley
442.150+ 100.0	Mingus Mtn.
442.350+ 100.0	Glassford Hill
449.175 C/S	Towers Mtn.

ADDITIONS, DELETIONS AND CORRECTIONS 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 (N 34° 34' 23.2" W 112° 29' 45.2")

NEXT MEETING THURS. OCTOBER 21 @ 7:00pm



Wednesday Morning Breakfast-Iron Horse Café, S.

Hwy 89 in Chino Valley (N 34° 43' 56.5" W 112° 27' 15.4"). 7:30AM. Informal-All are invited.

Thursday Morning Breakfast-Michael's Restaurant in the Safeway Shopping Center, Hwy 69 Prescott Valley. 8:00am. (N 34° 35' 13.3" W 112° 19' 44.6") All are invited.

Location data provided by Fred Zimmermann-N7PJN, per WSG84 Datum

**SOME CARTOONS COURTESY OF
WORLD RADIO™ MAGAZINE**

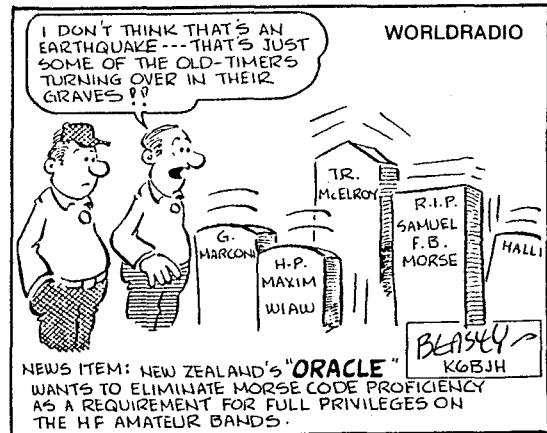
(A GREAT PUBLICATION-CHECK IT OUT!)

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

Visit us on the web at:

<http://yarc.pr.erau.edu/~yarc>

Thanks to Webmaster Bob Smith-WB6ODR



Riley Hollingsworth, K4ZDH, will be the banquet speaker at HAMCON '99 Southwest Division Convention (October 1-3, 1999) aboard the Queen Mary in Long Beach, CA. For additional information, contact Nate Brightman, K6OSC, at (562) 427-5123, nehtan@juno.com.