

The Yavapai Signal

**THE YAVAPAI AMATEUR RADIO CLUB
PRESCOTT, ARIZONA DM-34
VOL 10 - No. 3 MARCH, 2000**



WELCOME TO THE YAVAPAI AMATEUR RADIO CLUB

The Yavapai Amateur Radio Club (YARC) is an ARRL affiliated club. The club participates in many activities in the tri-city area 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.



YARC OFFICERS for 2000

President

Lee Cunningham, KC7CBK
kc7cbk@arrl.net

VicePresident

Terry Pemberton-KB7TRE
kb7tre@northlink.com

Secretary

John Wilson-KM6BF
km6bf@primenet.com

Treasurer

Fred Shefflette-KC7TIN

YARC BOARD OF DIRECTORS

Includes Club Officers

Past President

Bob Kane, K7KOL

Frank Homeff WA6JBV

Dale Leslie, N7XFD

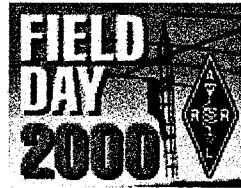
NEWSLETTER EDITOR

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.



FIELD DAY 2000 PLANNING UNDER WAY

NEWINGTON, CT, Mar 2, 2000—As winter turns into spring, the eyes of clubs across the US and Canada are turning to the fourth full weekend of June—better

known to Amateur Radio operators as Field Day weekend.

Planning for Field Day 2000 is well under way. The official Field Day 2000 information packet now is available online in PDF format at the ARRL Contest Branch Web site. You can download this packet, which include the official rules and forms for FD 2000, as well as several helpful articles to help your club or group maximize your Field Day experience. You may also order the packet by sending a self-addressed, stamped envelope with three units of first-class postage affixed to Field Day Package, ARRL, 225 Main St, Newington, CT 06111.

A new bonus point category has been added for Field Day 2000. Groups can earn 100 bonus points by setting up a demonstration of a "nontraditional" amateur mode, including APRS, ATV or SSTV. The bonus does not include modes for which regular QSO credit already may be earned (such as AM or FM on phone or packet, PACTOR, AMTOR or PSK-31 on digital). There are no rule changes regarding the special Novice/Tech Plus station.

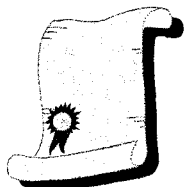
The Field Day participation pins also will be back this year. "No one could have predicted the tremendous response to the inaugural Field Day 1999 pins," said ARRL Contest Branch Manager Dan Henderson, N1ND. "The pins proved so popular, they are now a regular part of Field Day." To earn the pin, all you need to do is participate in Field Day. There is no minimum number of contacts to achieve or ARRL sections to work. The pin is for anyone active in helping to make Field Day happen—from the set-up crew and on-the-air operators to the covered-dish organizers and generator crew.

Field Day pins are \$5 each. Clubs and groups are encouraged to purchase their pins together. The FD 2000 pins are available now. Send orders with payment to Field Day Pin Order, ARRL, 225 Main St, Newington, CT 06111. Henderson says the Field Day 2000 pin will make a fine addition to any ham's collection, but he recommends ordering as early as possible. The 1999 Field Day pins sold out rapidly.

For more information on Field Day 2000, contact Dan Henderson, ARRL Contest Branch Manager, n1nd@arrl.org or 860-594-0232.—Dan Henderson, N1ND

CLUB 2000 ACHIEVEMENT AWARDS CLUB COMPANION

To reward the achievements of ARRL-affiliated clubs, the ARRL Volunteer Resources Committee has established the Club 2000 Achievement Awards. The new incentives program is aimed at recognizing clubs that are growing, thriving, and developing positive community relations through such activities as emergency and public service participation; public relations and recruitment; building ARRL membership; volunteer examination participation; educational and instructional innovation, and Field Organization volunteerism.



Throughout 2000, ARRL Field and Educational Services staff will review the activities of participating clubs. The Volunteer Resources Committee will pick four exemplary clubs—one in each eligible category. Selections will be announced at the ARRL Board of Directors meeting next January.

Eligible club categories include:

- Clubs with more than 100 members
- Clubs with fewer than 100 members, but more than 25
- Clubs with 25 or fewer members
- School clubs

A \$1000 check from The ARRL Foundation will be awarded to the club in each category with the highest number of achievement points. The award—made in the name of the club—may be used for equipment purchase or improvements to a club's station or the purchase of ARRL publications or supplies. An article publicizing the achievements of the selected clubs will be featured in QST and/or The ARRLWeb Extra.

Selection Panel and Scoring

The Selection Panel will consist of five staff members from ARRL Field and Educational Services. Submissions will be collected, divided, and acknowledged. Work parties will score submissions.

Each club will be rated using a specified number of points for each bona fide activity they perform. All scoring will be done at ARRL Headquarters by Field and Educational Services staff. Clubs need not fill out any score sheets. They just need to submit informational write-ups and photos about their club's activities as often as they wish during the year.

To provide fair and equal achievement status for all clubs regardless of size, membership points will be determined according to this formula: 100 divided by Total Club Membership = Number of Points for each ARRL member as of March 15, 2000. Each club member who joins ARRL after this date will add one additional point to the club's total.

Points-Earning Activities

A Special Service Club or a club that becomes a Special Service Club prior to December 31, 2000, earns 10 points.

Five points will be earned for the following specific activities:

- ARRL recruitment night
- Regular monthly meetings that are open to the public
- Instructional workshop (kit building, operating demonstrations, etc)
- ARES group activity
- National Traffic System group activity/net
- Special event station
- Local school club support
- National Weather Service SKYWARN or other similar training classes
- Maintain a club-sponsored repeater
- Community service activities
- Press release
- Newsletter
- ARRL VE test session (at least twice yearly)
- Tutoring the disabled or providing accommodation
- Field Day station (summary sheet required)
- ARRL contest, such as ARRL VHF Sweepstakes, ARRL 10-Meter Contest, ARRL 160-Meter Contest, ARRL International DX Contest, etc.
- Operating events, such as Kid's Day, JOTA, School Club Round-up.
- Monitoring state legislation that affects Amateur Radio

Clubs also may earn 10 points for each class where at least 50% of the attendees become licensed, and one point for each club member who upgrades beyond entry-level license at a club-sponsored class. Additionally, clubs earn 10 points for each new club member from a club-sponsored class who becomes an ARRL member.




Submissions

All ARRL-affiliated clubs are welcome to submit newsletters, press clippings, photos, and concise write-ups telling us about their clubs and their special, current club activities and efforts. Address submissions to Club 2000 Awards, ARRL, 225 Main St, Newington, CT 06111. The submission deadline is December 31, 2000.

Clubs with highest point values at midnight December 31, 2000 will be considered finalists. Submissions postmarked after December 31, 2000, will not be considered. For more information about this award program, contact Dan Miller, K3UFG, dmiller@arrl.org or telephone 860-594-0340.



UPCOMING EVENTS OF INTEREST

-  March 18-20 Alaska QSO Party
-  March 25-26 CQ WW WPX Contest, Phone
-  March 30-VE Testing, ERAU 7:00PM →

April 15, 2000 – March of Dimes Walk-a-Thon

May 6, 2000 – Whiskey Row Marathon

May 13, 2000 – VE Testing, Prescott

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



FEBRUARY MEETING

The regular meeting was called to order at 1906 by club president Lee Cunningham, KC7CBK. There were 42 members and guests present.

Guests were introduced, Hans-KB6AH, Gene-N7LYX, Jack-W3IVQ, Rock Sr-KA7RRR, Rock Jr.-KD7DJF, Ray and Annette Clift, Bob McNally-KD6VAN, Jan Gallo, and Jim Riddle-KD7AOI.

An update for an upcoming meeting to be held at Carol Hills-KA7LKW QTH was confirmed for the April 2000 meeting.

The minutes of the January meeting were read by club secretary John Wilson-KM6BF and were approved as read. The treasurer's report was given by club treasurer Fred Shefflette-KC7TIN, who reported the club has \$878.04, with \$440.50 in the repeater fund. The refreshment fund has \$78.88.

OLD BUSINESS. Terry Pemberton-KB7TRE reported on the Special Event Station held Monday 2/14/00 at the Sharlot Hall Museum. There were 11 club members and 5 students from GMMS and the made 50+ contacts with the K7A Special Event Call Sign. Terry showed one of the certificates the mailed out and thanked Hal Tritel-N7OVE for making them up. Lee Cunningham made a motion to reimburse Terry and himself for the pizza and other refreshments provided for the SE station in the amount of \$66.75. It was moved and seconded and passed. Bob Smith-WB6ODR reported that he had filed for a club call sign on 1/28/00. We may have the license by the March meeting. He will do some more research for a vanity call for the club. Lee-KC7CBK also mentioned that we could apply for N7VOJ, the call sign of Frank Bennett-SK. Terry-KB7TRE reported that Field Day would be held on 6/24/00 at the County Courthouse.

NEW BUSINESS. Program Chairperson, Bob Kane-K7KOL has several programs lined up but urged all in attendance that we still need speakers and programs for upcoming meetings. Ginger LeGendre-AB7SK inquired into the status of having a combined FD with VVARA. It was determined that we wanted to have our own independent operation. John-KM6BF reported that input for the newsletter is always welcome from everyone. Refreshment Chairperson David Passell-K6UWV reminded everyone again to please recycle the aluminum cans. ARES/Yavapai County Director

Lloyd Halgunseth-WA6ZZJ is looking for help for upcoming events- March of Dimes Walkathon 3/15, Whiskey Row Marathon 5/6, and Frontier Days Parade on 7/1. The County's Emergency Services van is in the paint shop and will be ready for the March event. David-K6UWV mentioned that a neighbor has a 1990 Dodge Van for sale for \$5,000. John-KM6BF reported on the VE test session held 2/12. Bob Laxton-W7ALR thanked the VE's for their work and professionalism. Bob-WB6ODR reported that the newsletter was posted on the website in 2 days with no problems this time. Kris Bearscove-KC7UNK made a request for a newly licensed amateur from Saturday's testing, a 9th grader from Prescott Valley and a cadet in the Civil Air Patrol, for any 2-meter equipment anyone may have to loan him when he gets his license. Lee-KC7CBK read a list of equipment for sale by Fred Hill. It will be listed in the March newsletter. Lee also stated that there was no change in the PV antenna ordinance. P&Z will be meeting 3/13 for more discussion, and that the Hualapai ARC is looking for help for their "Another Dam Race". The meeting ended at 1945 for the refreshment break.

Following the break, Bob-WB6ODR won \$15.50 from the 50/50 raffle.

The program for the evening was given by Jim Riddle-KD7AOI, with assistance from Paul Smith and Tom Kosel. Jim talked about HELIOGRAPHS (a signaling apparatus that reflects sunlight with a movable mirror) and how the military/cavalry used them in Arizona and New Mexico for communications. Jim credits his interest in heliographs for obtaining his amateur radio license, by learning Morse Code. Several maps and charts were part of Jim's demonstration as were 2 working heliographs, including 1 reflector that is used when the sun is not in the right position for signaling. Jim explained how the many different mountaintops were used to send and relay messages across several hundred miles. Paul explained how he learned about heliographs while in the Scouts and how they set up one on Thumb Butte and another at the fairgrounds. They used slow-light American Morse Code, which is quite different from communications CW amateur's use. Tom explained how they duplicated the equipment mainly from photos, with no exact dimensions to go by. Jim passed around a sign-up sheet for participation in heliograph testing to be done in about 2-3 weeks from Fort Whipple to Glassford Hill. A Q&A session followed. We thank Jim, Paul, and Tom for the program and the time they spent with our club.

With no further business, the meeting was adjourned at 2120.

Respectfully Submitted,

John A. Wilson, KM6BF
Secretary



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:



The Ground Wire Volume 2000, Issue 02 February 2000

INTO THE MILLENNIUM

As I write this article, I am amazed at how fast time has passed. It seems like only yesterday that I was writing my first article on the front page of the Groundwire as President of the club. If it wasn't so much fun, it would probably seem like forever so I guess that is a good sign. As the title of my article suggests, we are going into the millennium and we are going into changing times in Amateur Radio. I for one have been one to believe that change is inevitable and that change is necessary if we are to enjoy our hobbies or whatever we choose to pursue. The recent changes on license restructuring that becomes effective on April 15th of this year is a big change and most likely will bring the opportunity for us to recruit more new members. As an Extra Class license holder, I do not hold the notion that everyone should go through what I did in order to get an Extra ticket. I am proud that I was able to accomplish my goal but am going to be equally as proud to see the Extra Class ranks grow in numbers under the new rules.

I believe that you will agree with me when I say that I usually don't get on my soapbox in this article even though I have been known to express my opinion in person or on the repeaters from time to time. I do believe that we all leave a lasting impression on those we interact with at the Club meetings and on the air. Because of the natural friendliness of the members of this Club, it is known as one of the better Clubs and repeaters in the area. That has been my experience as I was a member of this Club back in the early 1980's and left the Club (and the hobby) for a few years. It seemed that I didn't have time and I was driving a company vehicle. The company car contributed as it was against company policy to install a mobile radio in the company vehicle. Because of this, I kind of got out of touch with Amateur Radio without something to listen to. Sometime in the early 1990's, I began to get interested again and put my mobile rig in my personal vehicle and was astounded that the Ham's on the SWDCARC repeater remembered me and invited me to the next meeting. I was greeted at the meeting like I had been attending every meeting and it has left a lasting impression on me. At that meeting, I was talking to one of the members and in passing, mentioned that I had to get a SWR meter for two meters so I could correct what I

thought was high SWR for my mobile installation. He volunteered to bring his meter at the next meeting and remembered it when meeting time came around the next month! This was the first time I had met this Ham and he didn't know me from Samuel Morse! From that meeting forward, I have been active and thank those who left such a lasting impression on me. I tell this story only because I want to express my thanks and also remind each of you that it is all of us that shape the future of the SWDCARC and Amateur Radio. It is very easy to get into the habit of just talking to those you know even if we as Ham's usually don't have a problem finding something to talk about.

We also have witnessed some disagreements or heard some negative things on the repeaters over the years but this club has survived and probably has grown in strength in spite of them. Our number of members may be down slightly compared to a few years ago but we seem to have the same number of "core" members that make most of the meetings and participate in our projects when they can. Volunteer organizations have a tough time, as it is very hard to get someone to join and be active. I wonder why that is? All we have to do is make the new members comfortable in their new surroundings! Not only should we pay attention to the new members but also the membership should interact with the Officers of the Club. We should support the Officers of the Club. Let them know what you would like to see at the meetings, which projects you would like to participate in and what new ideas you have. The members of the SWDCARC did just that last year and the Board of Directors thank you! I would like to see new project chairpersons for our established projects such as Field Day, Harvestfest, Christmas Parade, Net Managers and the like this next year. Don't be afraid to volunteer for these projects as they practically run themselves. Besides, the past Chairpersons are there to help and to lend a hand.

Thanks to all for making my term as President a great experience. It truly has been a fun year! My best wishes to the new incoming Board of Directors and I look forward to being a part of what I think is the best Amateur Radio Club for years to come.

73 Danny Cromaz W5WB



FROM THE PAST-PRESIDENT

back in MY day...

As a child, the future King George V of England had such horrible table manners that his mother demanded he eat on the floor with the dogs. Quite happily, he did just that – and stripped off his clothes as well. If the dogs didn't have to dress for dinner, he announced, then neither would he. (*Reigning Cats and Dogs* by Katharine MacDonogh)

Youthful, eccentric over reactions to a parent's exasperation is probably quite "homey" to most of us, as we recall similar theatrics playing successfully in our own and institutional families. It's still playing on some stages in the ham family, though few of us would copy the young royal's behavior by lapping from linoleum or dumping their duds because of changes in amateur license requirements. →

In listening around the bands though, I did find some operators quite upset with the changes. For example:

On the 2 and 20-meter bands recently, I heard older, conservative hams vigorously reacting to the new, reduced Morse code qualifications. Some said they'll "hang up their ticket" or sprinkle their vocabulary with new words like, "good buddy", "ten-four" and "gotcha ears on?" Will they imitate England's boy king, lapping their water like a hound and hunkering down on their haunches when master opens the door, letting in the cool, outside air? Probably not!

America has always embraced change, finding natural spokespersons to herald the new way while putting it in realistic perspective. One contemporary spokesman who comes to mind (though now passed on) is the post World War 2 Industrial Engineer, W. Edwards Demming, while presenting a "pep talk" to Detroit managers complaining about the foreign "invasion" of efficient cars told the white shirts, "change is not required; it is not **mandatory** that you survive!" Now there's a shot of realism!

That's about where we are today with our hobby.

Recently, I wrote of a European tour director calming an American couple touring Eastern Europe. The couple was worried about their house because of hurricane Floyd's devastation in their hometown. After several unsuccessful "pay phone" attempts by the couple to call home, the young lady tour director "worked dx" with her cell phone. From the tour bus on a rural Polish highway, she called the couple's son in North Carolina and let them talk, reassuring the parents. Other tourists on the bus took it as normal that a person could pick up a cell phone in a bus and call half way round the world. That's how blasé we've become about instant communications, and that's how formidable our competition is.

Ease of access to our great "sand-box" is the point of this article. I'm convinced that if we don't make it as easy as possible to enter, and comfortable to stay, we'll have a hobby that is populated with maybe 50 to 100,000 techno-nerds, showing off their super abilities through unique equipment and speaking an arcane jargon understood only by the "anointed". There'll be no supporting cast of ordinary fun-talkers like most of us, and without the fun talkers, there'll be no need for a *Kenwood* or *Yaesu* to show off their new, super-duper, one-box-does-all for us to admire as we flip through the *QST* ads.

With the license changes, amateur radio will continue to provide the excitement of talking to someone in another city, state or country without the high code speed bump fluency in a special, mysterious and cryptic language. The haunting melody of "sweet cw" will continue to comfort those who have the ear and "fist" for it; the maestros who make it their choice of contact will forever serenade those tuned to the music. But, if we make the mistake of ragging on the newcomers, or on the veterans with limited licenses and new privileges because they weren't tested as we were, we'll discourage them and they'll "rag-chew" via cell-phone and internet chat rooms.

How much better to enlarge our tent and bring in all those who could include ham radio in their arsenal of articulation. You bet - we're going to hear more non-standard jargon such as the "Good-Buddy"

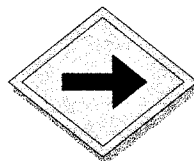
salutation I mentioned earlier, but that's an exponential improvement to the scurrilous, abusive language I've heard from some duly licensed operators.

1957 was my turn in the barrel at the FCC Field Office in the Customs House on Whitehall Street in lower Manhattan, New York. Sitting for my first Amateur Radio License, I drew ten wiring diagrams from memory, including the requisite Colpitts and Hartley oscillators, struggled though the theory questions and sent and received Morse code at a timed 13 wpm. About a month later, I found my General license in the mail with the call WA2HEB. I sweated the test and the waiting period for that coveted paper, and it could be easy to say, "I did it, why can't you?" But I know that attitude, if it became popular, could cause hammin's slow descent into oblivion. We'd need to start soliciting bulk-rate burial plans!

We may have joined this hobby more arduously tested than new hams today, but does that mean others have to do it that way? We need others to find it easy to join and enjoy what we do, expanding on our fun and knowing that they'll find a day in which they too face Mr. W. Edward Demmings' admonition: "**change, or risk survival**".

I'm glad the ARRL and its membership have elected to face the future by reducing the code speed, raising the technical challenge, and streamlining the license structure. That makes our fun and frustrations available to more people, presenting increasingly complex and intriguing problems as proficiency is polished.

73's, Bob Kane, K7KOL ex- WA2HEB, K7KOL, WB6KTK, KC7MTV ps. I'm sure glad it's no longer necessary to keep changing my call sign every time I move, and that I'm able to reclaim a never re-assigned call from 1960! Those are two recent changes that I like.



SAY WHAT?

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

"I can't believe how easy that test was. I could have passed it years ago!"

"I always run my radio on high power. I want to make sure I'm being heard!"

"I gave up Code when I upgraded to General!"

"I started this project 3 years ago as a 1-weekend deal!"

Ham #1 "Why does the repeater beep?"

Ham #2 "So you know it's your turn."

Ham #1 "What if someone else transmits?"

"I don't QSL any more. I ran out of QSL cards."

"My wife doesn't like ham radio. She'd rather gossip on the phone!"

"There should be a CableTV channel for ham radio."

"I missed a good deal on a radio the other day. I don't know what I would have done with it, though!"



OTHER NEWS OF INTEREST

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

THE ELECTRONIC HOLE THEORY EXPOSED AS FRAUD

Have you ever been confused by the Electronic Hole Theory of Semiconductor Physics? I do know my stuff when it comes to electronics and have done a careful study of the illusory phenomenon of electron flow and here is what I have found. After years of research, I have come to realize that the hole theory may Not be Correct. My theory, which has been proven time and time again in service shops all across the country, is this.

All Electronic Devices and Especially IC's Work on Smoke...

Yes, that's what I said, Smoke! I have recently discovered that every electronic device manufactured and all IC makers, encapsulate a certain amount of Black Smoke in every one of their devices. This smoke is what does the work and performs the magic of electron flow inside the device. Undoubtedly, you have often noticed that a component will quit working when this encapsulated smoke leaks out. I have documented this many times and it conclusively proves my theory. After all, when a storm comes up, the sky gets black, The lightening starts to flash through the black clouds, which must be smoke. Because when the sky clears and is no longer black the lightening stops! So the Smoke is the answer to electron flow... Proof Positive: Have you ever been able to operate an electronic component after the Smoke leaked out? I rest my case.....

ADMINISTRATIUM FORMED BY MORONS

The following came *for the peoples* way via the internet. No further explanation is needed:

"New element found"

Investigators at a major research institution recently discovered the heaviest element known to science and tentatively have named it 'administratium.' Administratium has been found to have no protons or electrons, thus having an atomic number of 0.



"It has, however, 1 neutron, 125 assistant neutrons, 75 vice neutrons and 111 assistant vice neutrons, giving it an atomic mass of 312. These 312 particles are held together by a force that involves the continuous exchange of mesonlike particles called morons.

The morons are surrounded by vast quantities of leptonlike particles called peons. Since it has no electrons, administratium is inert. However, it can be detected chemically as it impedes every reaction with which it comes into contact.

According to the discoverers, a minute amount of administratium caused one reaction to take more then four days to complete, when it normally would have occurred in less than a second. Administratium has a half-life of approximately three years. However, it does not decay in the usual way but instead undergoes a reorganization in which a portion of the assistant neutrons, vice neutrons and assistant vice neutrons exchange places.

In reorganization, some of the morons inevitably become neutrons, forming new isotopes. This characteristic of moron promotion leads some scientists to speculate that administratium is formed spontaneously whenever moron concentration reaches a certain level. The hypothetical quantity is referred to as Critical Morass. (Thanks to Dale Leslie, N7XFD)

CLUB CALL SIGN IN THE WORKS. Bob Smith-WB6ODR reports that he encountered a small problem in applying for a club call. The FCC initially rejected the application because the ULS requires a TIN.



ARES/RACES NEWS

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

The ARES/RACES communications van has a new look. It has been painted white with lettering on the sides to identify it as Yavapai County ARES/RACES Emergency Communications. It will be used for the March of Dimes Walk America on April 15th and the Whiskey Row Marathon on May 6th as well as Field Day, June 24th, on the Courthouse Square.

YAVAPAI AMATEUR RADIO CLUB. It is time to start thinking of signing up for our two upcoming public service communications events..

Saturday, April 15th we will be providing communications for the March of Dimes Walk America. A minimum of 8 operators will be needed for this event. One with a portable radio and mag-mount antenna for use on the MOD Van. The walk begins at 8:00 AM and goes until about 12:00 Noon. The MOD people usually feed us lunch when it is over.

Saturday, May 6th we will once again provide communications for the Whiskey Row Marathon. A minimum of 16 operators are needed for this event. It is a (yawn) early morning event with operators meeting at the Courthouse Square at 5:00 AM. Two operators with portable radios and mag-mount antennas will be needed to start at 3:00 AM to go in the vans that set up the water stops. Last year there were over 1000 runners taking part in the Marathon.

Sign up sheets will be available at the March meeting. The Marathon sign up sheet will also be at the April meeting.. Please plan to help out.

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 club treasurer at any meeting.



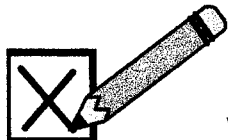
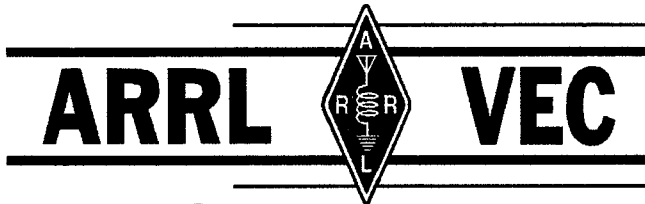
GOT ANYTHING FOR SALE? CLUB MEMBERS CAN LIST THEIR EQUIPMENT HERE FREE.

FOR SALE-Amateur Radio Operators Dream Site



HOUSE-92 acre, 5500', lots of trees, 320° view. 4Bd, 3 Bath, formal dining room, large rec. room with pool table, office/shack, breakfast area, laundry, large 21x24 garage, cable, phone and intercom throughout home (no intercom units)

Ham equipment to stay with house:40' E-Z Way crank-up/tilt over tower, TET HB43SP 4-element tri-band antenna, Hy Gain Tail Twister rotor & control, Alpha-Delta DX-A ¼ wave sloper, and all cables to shack. LOCATION-722 Panorama Dr. Prescott, AZ 86301 CONTACT-Jerry Conkilyn (520)776-0492



Volunteer Examiner Testing

The tentative remaining testing dates for 2000 are May 13, August 12, and November 11, all Saturdays 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!)

Special test sessions may be accommodated according to demands, as needed. The test fee for 2000 will be \$ 6.65. 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 |
| KJ7EB | Bill Thrift | KJ7DX | Matt Strandberg |
| KJ7KL | Pen Brown | KM6BF | John Wilson |
| W2YAV | Bill Kafka | W7DC | Bob Harkey |
| W6HDP | Bill Jackson | W9KRQ | Dave Rutledge |
| | WB6ODR | Bob Smith | |

VE NEWS FROM THE ARRL's VEC

2/16/00 ARRL-VEC to charge for code tests: Starting with the inception of the new FCC Amateur Radio licensing rules on April 15, 2000, the ARRL-VEC will charge a test fee of \$6.65 to take the Element 1 (5 WPM Morse code) test. Until April 15, the 5 WPM Morse code test (Element 1A) and/or the Novice written test (Element 2) are free at ARRL-VEC test sessions. (from the ARRL)

WAIT NO LONGER-TRAVEL NO FARTHER

There will be a special "PAPERWORK ONLY" test session held in conjunction with the April 20, 2000 YARC meeting. This will be only for those who hold CSCE's for upgrades under the new rules, which go into effect April 15, 2000.

If you have passed the required elements and hold a CSCE that will allow you an automatic upgrade under the new rules, we will process your paperwork and issue you a new CSCE showing your new amateur privileges. This will also apply to Tech+ licensees who were licensed prior to 3/87. You must bring all necessary paperwork to the session. Then, you may begin operating with your new privileges immediately. The normal test fee of \$6.65 will be collected.

For further information, contact John Wilson-KM6BF at (520)636-1228

AREA REPEATERS

FREQ	PL	Location	Notes
52.560-	100.0	Mt. Union	CARS (-500Khz)
53.040-	C/S	Prescott Airport	-1 Mhz
145.350-	C/S	Wildflower Mtn.	DAWN
145.370	C/S	Towers Mtn.	MMRG
146.780-	91.5	Bill Williams Mtn.	BWARC
146.880-	100.0	Prescott	YARC
146.980-	100.0	Flagstaff-Elden	CARC
147.000+	100.0/162.2	Mingus Mtn.	MMRG
147.140+	162.2	Flagstaff-Elden	ARA
147.220+	C/S	Mingus Mtn.	VVARA
147.260+	103.5	Mt. Union	YC EmergSvc
223.960-	127.3	Chino Valley	NOWARE
442.150+	100.0	Mingus Mtn.	Northlink
442.350+	100.0	Glassford Hill	
448.400-	123.0	Mingus Mtn.	NOWARE
448.475-	100.0	Flagstaff-Elden	ARA
448.875-	100.0	Flagstaff-Elden	Northlink
449.175-	100.0	Towers Mtn	Northlink
		PACKET	
145.690		Davis-K7HS-7	DX Packet Node
145.010		Elden-W7MOT-8	Packet Node
145.010		Union-KB7FRV-1	Packet Node
145.710		Union-KB7FRV-2	Packet Node
145.010		PRCBBS-	Packet BBS
145.710		KB7FRV	

ADDITIONS, DELETIONS AND CORRECTIONS APPRECIATED



WEEKLY INFORMATION 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. ALL AMATEURS WELCOME.

MONTHLY MEETING - 3rd THURSDAY @ GRANITE MTN MIDDLE SCHOOL 7:00PM (N 34° 34' 23.2" W 112° 29' 45.2")

NEXT MEETING THURS, APRIL 20 @ 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

YAVAPAI AMATEUR RADIO CLUB

PO BOX 11994

PRESCOTT, AZ 86304

Visit us on the web at:

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

Many thanks to Bob Smith-WB6ODR, our Webmaster!

