

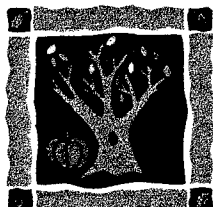
11/18/99

The Yavapai Signal

THE YAVAPAI AMATEUR RADIO CLUB PRESCOTT, ARIZONA DM-34 VOL 9 - No. 11 NOVEMBER, 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.



With the fall season in full swing, many of us will be spending a little less time outdoors, trading for the comfort and warmth of our indoor radio rooms or "shacks". This also means spending more time on the radio, too. Before it gets too cold and wet, this is your yearly reminder that it's a good time to get out and check all your antennas, coax

connections, grounding, etc. There's nothing worse than having a problem crop up while it's snowing or raining. Check all coax connections to your antennas and the seals. You may want to apply a small of silicone to the connectors and wrap them in electrical tape to keep the moisture out. And, don't forget that all-important "drip-loop" on the coax outside. That will assure water won't travel down the coax into your shack and get all over the floor.



The winter months bring us some good propagation on the HF bands and noise levels drop considerably. Hope to see you on 160 meters this winter? Ed.

YARC OFFICERS for 1999

Lee Cunningham, KC7CBK	President*
Hal Tritel, N6OVE	VicePresident*
Kris Bearscove-KC7UNK	Secretary*
Tony Masvidal, W7PCU	(a)Secretary*
Fred Schefflette-KC7TIN	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.

ELECTION OF OFFICERS FOR 2000

This month's meeting will have the annual election of officers for the club, and any appointments to the Board of Directors as needed. Since the by-laws of the club stipulate that a person can serve in a position for 2 years, but 2 years only, it becomes a struggle to find people who are willing to serve the club and help maintain its existence. Sometimes it takes a little "arm-twisting" to get some positions filled. Hats off to those of you have served in the past and we are hoping some of you will step out of the shadows and volunteer your services for the club. There are many non-elected positions and may of you are able to fill them. It's not like a full time job, it's only once a month. In the history of the club, one can easily see that many officers have served the 2 year term limit and many other times there has been no opposition because only 1 person was nominated for the position. This is almost shameful, since the membership of the club is in excess of 80 members, with at least 50 being active. Come on folks, get off your curmudgeon duffs and step up to the podium and do your part for the club!

John Wilson, KM6BF EDITOR

P.S. It's just like trying to get members to contribute their input to the newsletter. It has to be a group effort.



UPCOMING EVENTS OF INTEREST

- ▶ December 3-5 ARRL 160-Meter Contest
- ▶ December 3 Special Event Station operating from the US Naval Academy during the annual Army-Navy game 0700 to approximately 1300 (end of game)
- ▶ December 7 Special Event Station Commemorating the USS Arizona
- ▶ December 11-12 ARRL 10-Meter Contest
- ▶ January 8-9 ARRL RTTY Roundup
- ▶ January 15-16 North American QSO Party-CW
- ▶ February 12 VE Testing, Prescott

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



OCTOBER MEETING

Minutes of October 21, 1999

The October meeting was called to order at 1905 hours by President Lee Cunningham, KC7CBK. Lee read the minutes of the September meeting as Kris Bearscove, KC7UNK and Tony Masvidal, W7PCU were not present due to previous commitments. Terry Pemberton, KB7TRE corrected the date of the Special Event station to November 16th for American Education Week. The Minutes were approved as corrected.

The Treasurer, Fred Shefflette KC7TIN, read the financial report. The current balance is \$472.54, which includes \$230.50 in the repeater fund, \$242.04 in the general fund, and \$39.29 in the refreshment fund. The Treasurer's report was approved as read.

Pen Brown, KJ7KL made a motion " It is recommended that each member shall donate \$1 to the refreshment fund or purchase a raffle ticket at each meeting they attend". The motion was seconded by Chuck Brulte, KB7NQC. The motion was pasted with two dissenting votes.

Terry Pemberton, KB7TRE, spoke about the Jamboree-Of-The-Air. He thanked Jerry Sager, KA1BAB; Bob Smith, WB7ODR; Bob Rosevear, WB7RRQ, Kris Bearscove, KC7UNK; Pen Brown, KJ7KL and Lee Cunningham, KC7CBK for their help. Thirty-five "kids" participated. Terry thought the Special Event station was very successful. Terry also reported that on November 16th during

American Education Week, the Granite Mountain Middle School Radio Club would have a Special Event station. All those that can help between 8:00am and 4:00pm, please contact Terry.

Bob Kane, K7KOL, and Terry Pemberton, KB7TRE, will form the nominating committee for the November elections. If you want to be considered for any office, please contact them.

A discussion on the Road Rally ensued. The general consensus was that net control lost control of the 147.220+ frequency about the time of the fourth stage of the race. It seems it is necessary to remind all those using the frequency to use the utmost courtesy and correct protocol. It may be necessary, in the future, to assign more operators to reduce confusion and help communications.

Pen Brown, KJ7KL reported that the G.M.M.S. Radio Club had eight members including Greg, KD7AOH and their meeting would be on November 13th.

Lloyd Halgunseth, WA6ZZJ, reported that there were no more events for the rest of the year. He stated that the YARC members as well as the ARES/RACES members maybe needed in the event of a Y2K incident on New Years eve.

Bob Smith, WB6ODR, reported on the Web site. He is still having trouble with password changes. Embry Riddle Aeronautical University requires that the passwords to their system be changed periodically. Bob suggested that we have our own domain name like "YARC.COM or YARC.EDU" or some other name. Even with a "domain" we would still have to find a server to handle it. This could cost the club a monthly fee. There would be a cost to reserve a domain name. This subject will be on next year's agenda of "New Business".



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

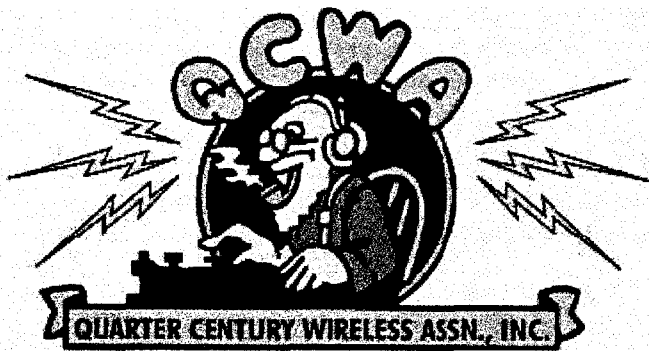
If you have anything to share, please feel free to submit it for inclusion in the newsletter. We welcome your suggestions, comments, stories, personal experiences, or other items related to the hobby. Send e-mail to:

km6bf@primenet.com

Occasionally we will have articles from other clubs newsletters:

This month we have some information from the QCWA.

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The Quarter Century Wireless Association was organized to Promote friendship and cooperation among Amateur Radio operators who were licensed at least a quarter century ago.

More than 30,000 membership numbers have been assigned over the years by Headquarters. Although the majority of these amateurs live in the United States, our membership stretches world wide.

A great deal of the growth and dynamic character of QCWA, since it was founded in 1947, is a direct result of the Chapters chartered across the continent and around the world, within which there are 156 Chapters. These Chapters are self-governing, making an annual report to Headquarters, and they operate in substantial agreement with the QCWA Constitution and By-Laws.

Members may belong to multiple local Chapters, although – for the purposes of Headquarters' recordkeeping – each must designate a Home Chapter. Regardless of local affiliation, every QCWA member is welcome to partake of all local and national QCWA meetings and on-the-air activities.

Every now and then at gatherings of amateurs or during on the air contact, the question is asked, 'Why should I join QCWA?' My response is as follows:

"QCWA membership is not for every radio amateur eligible to join. Many amateurs for one reason or other never join or support amateur organizations, irrespective of the worthiness of the objectives of the organizations or what they may have done to protect amateur privileges or advance the communications art. Some amateurs are true loners and a few could care less whether or not amateur radio with its many opportunities for personal enjoyment, technical advancement, public service, and developing lasting friendship with fellow amateurs will be available for future generations.

"QCWA membership often appeals to amateurs who want to be identified with and associate with some of the best known, respected, proficient and dedicated amateurs in the world. The knowledge that so many well-known amateurs have joined together in this unique non-profit organization dedicated to promoting the best interests of all amateurs, for now and posterity, appeals to many.

"There are other reasons for joining QCWA. Membership in QCWA is for those amateurs who truly enjoy the hobby, who appreciate the effect it has had on their lives, and who want to share their experiences and talents with others for the good of amateur radio.

"QCWA membership is also for those who would like to participate in promoting more cooperation and good will among all amateurs and who would like to be a part of an organized effort to preserve our amateur traditions. QCWA membership likewise appeals to amateurs who are aware of the forces which would acquire our frequencies and reduce our privileges, amateurs who would like to be a part of a unified effort to defend our

privileges.

"Membership in QCWA also appeals to altruistic amateurs who would like to support scholarship funding for deserving amateurs pursuing educational objectives. Others join QCWA so they can participate socially in Chapter meetings and be a part of local activities for the good of amateur radio and the public interest.

"Some eligible amateurs recognize the importance of QCWA objectives as they may influence the present and future of amateur radio, but join principally to acknowledge approval and support for QCWA purposes. Others join not only to acknowledge support for QCWA objectives but because they want to become active in some or all of the ongoing activities in QCWA.

"Either category is welcome in QCWA."

Leland Smith, W5KL QCWA President Emeritus



FROM THE PAST-PRESIDENT

How Do We Ham?

A ham in Flagstaff, Arizona responding to my recent *Yavapai Signal* article (Sept. 1999) on the paucity of radio contacts I made on trips to California and Texas

commented, "10% of the fishermen get 90% of the fish!" That doesn't leave much seafood for the remaining 90% of the fisher-hams! He was kind enough to send me an excerpt of his log from a recent cross country trip showing numerous contacts on the HF bands, including some CW contacts.

I thought about his kind words of encouragement and support for a person such as me; limited to two meters mobile, but later thought about an unsaid axiom in his letter: that ham'in is all about talking to someone else by radio. **IS IT?**

Our species is one of many that communicate by sound waves; and we've learned to project our voice electromagnetically, something only done naturally by the denizens of space. Talking to other people via our transceivers is probably the essence of Amateur Radio, but it is hardly the sine qua non of our hobby. We can still be "active" hams even if we don't spray our voices all over the world. I'm not much for verbalizing on the radio, preferring the contemplative, written contribution and proctoring others as they earn their new or upgraded privileges.

Aren't we as a hobby group and Prescottonians, well served by the efforts of hams who conduct local two meter nets in the morning and on Monday and Wednesday evenings? Isn't that a modern, sophisticated way of casually keeping tabs on the health and well being of our neighbors? Aren't we as a hobby group, nationally and locally, well served by the literary excellence of the *Yavapai Signal*? Aren't we as a hobby group and Prescottonians well served by those who give their talents and time to teaching our youngsters? Those teachers, as role models and mentors, provide a live alternative to the popular culture! And what about our club members who devote so much time, thought and physical effort maintaining the repeaters we use daily. Aren't they hammin'? How about our members that selflessly give their efforts ensuring the county has a core of →

"professional amateurs" ready to provide different paths of talk when routine paths are disrupted? They've engineered a compromise in human frailties to unite hams on "both sides of the hill", ready to serve any locale.

As hobbyists, we're pretty much self-regulating and promoting. There are twenty-one Volunteer Examiners in the tri-city area, contributing their time and knowledge each quarter to the new and upgrading hams, sitting for their scary tests! Many of those wanna-be hams have come from the classroom at the Yavapai Blind Center, tutored by volunteer hams. We all communicate our expertise, in different and unique ways.

Our local amateurs augmented the recent road rally and July fourth/March of Dimes events in town. The logistics and communications planning that went into those productions was ham'n (contributing) at its best. By using topographical maps and GPS, hams plotted and predicted the path of the cars, warned of hazards on the course, chronicled the progress of marathon runners and monitored the condition of the contestants. What better use can be made of analytical minds and generous tendencies than to give to these endeavors?

To my ham friend in Flagstaff, thank you for your contact. You planted the seed that germinated into this article. Looking beyond the mainstay of radio communications, our hobby provides more ways to be involved and enjoy than most other diversions. Aren't we the lucky ones to have found them? I wouldn't care to be a bowler or stamp collector; I need to participate in different ways, from yakking on the two-meter nets to proctoring wanna-be's, or sitting at this keyboard.

"CQ" can be said in many different ways, thanks to Amateur Radio!

73's Bob Kane, K7KOL



From the FAQ (Frequently

Asked Questions) files



INTRODUCTION TO SCANNING BY BOB PARNASS, AJ9S (Continued from last month)

What Scanner Should I Buy? Radio Shack, Uniden (Bearcat and Regency brands), and Cobra offer a wide choice of scanners. Personally, I don't recommend AOR brand scanners.

Scanners are available in two varieties: crystal controlled and programmable. The crystal controlled models are cheaper, but require the user purchase and install a \$5 crystal for each frequency of interest. Programmable (synthesized) units don't require crystals

and usually have a keypad that permits you to store frequencies into channels. Programmables are now so cheap it doesn't make sense to buy a crystal unit as your main scanner unless you get it for under \$45 or so.

You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a mobile scanner which connects to your auto's electrical system.

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band unless you live in a very rural area where this band is not used. Usage of the 800 MHz band is growing by leaps and bounds. If you're not sure whether you'll like scanning, don't want to spend much money, a 16 channel radio will do. In general, the more channels and banks, the better.

Deluxe scanners can be controlled by a personal computer, although this feature isn't important to most scanner owners.

All scanners come with a built in antenna, permitting reception up to about 20 miles or so. Outdoor antennas can extend reliable reception to 100 miles or more.

Where Can I Buy A Scanner? Almost every community has at least one Radio Shack store, and you can find scanners there. Discount chain stores like Service Merchandise sell scanners, but carry just a few models. Department stores, like Sears and Montgomery Wards, sometimes offer scanners, although at high prices.

The best deals on new scanners are from reputable mail order firms like Grove Enterprises (Brasstown, NC), Scanner World (Albany, NY), or National Tower Company (Shawnee Mission, KS). Many ham radio dealers, like Amateur Electronics Supply (Milwaukee, WI), also sell scanners. See the shortwave "welcome" article for the addresses of other scanner suppliers.

Used scanners may be found at hamfests, flea markets, or listed in the classified advertisement section of your newspaper.

Where Can I Obtain Frequency Information? To avoid chaos, the FCC licenses two-way radio users and assigns them specific frequencies. Groups of frequencies are allocated to specific types of users, so you won't usually find fire departments using the same frequencies as taxi drivers, for example.

Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books: The most convenient source of fire, police, and local government frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores for about \$10.

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Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA) for some regions.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's 168 page Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 6th edition is available from Grove Enterprises for about \$19. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range.

Magazines: Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times and Kneitel's sensationalistic Popular Communications. The best frequency lists are often found in club publications, discussed later.

Government Records: Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS). The high cost of buying government records limits their appeal to hardcore enthusiasts. You can write for a catalog of FCC Master Frequency Database items to the NTIS, 5285 Port Royal Road, Springfield, VA 22161.

Do Your Own Frequency Detective Work. When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who is transmitting.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.
2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches. You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack.

You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model.

Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find Dymo tape labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret. Hobbyists are urged to exercise a modicum of restraint and good judgement, however.

How Can I Use Equipment to Uncover New Frequencies? If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. Three models, the ICOM R7000, Bearcat 250, and Regency K500, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy, a Radio Shack CTR-75 or CTR-82 will do. It's best to use a shielded cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

Are There Any Scanner Clubs? One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than any pile of magazines.

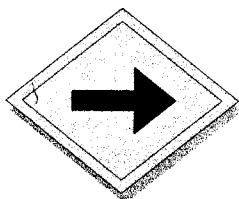
The world's largest scanner club is the Radio Communications Monitoring Association (RCMA). Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are \$18.50 per year, which includes a monthly newsletter of about 95 pages. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA General Manager, P.O. Box 542, Silverado, CA 92676, USA.

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A smaller club is the All Ohio Scanner Club. Its bimonthly publication, The American Scannergram, is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of good product reviews and scanning tips.

Annual dues are \$15 and more information is available from All Ohio Scanner Club, 50 Villa Road, Springfield, OH 45503.



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

"Don't look for any good deals at my garage sale!"

"I can't find parts for my old radios any more. Must be time to modernize."

"I like talking on the reverse pair. Really confuses people!"

"Why does the repeater keep transmitting after I unkey?"

"I don't like the XYZ repeater. It doesn't have a courtesy tone."

"How do all those people get into that repeater?"

"That guy talks so long he could time-out a simplex frequency!"

"I had to upgrade. I ran out of excuses not to!"

"Alpha-Numeric displays are for those who can't remember the numbers to the repeater frequencies."



OTHER NEWS OF INTEREST

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

MISSISSIPPI HAM AWAITS COURT DECISION IN RFI CASE

NEWINGTON, CT, Oct 29, 1999—A Mississippi ham arrested for interfering with his neighbors' telephones is awaiting a decision on his request to throw out the complaint on the grounds that the state court has no jurisdiction in the matter. ARRL member Bennie Stewart, KJ6TY, of Meridian, was arrested and charged September 10 after a neighbor filed a complaint with the Lauderdale County Justice Court.

Stewart, a ham for 12 years, appeared in court October 26. He says his attorney, Felecia Perkins, filed a request to dismiss the complaint, brought under a Mississippi law that makes it illegal to "intentionally obstruct, injure, break or destroy, or in any manner interrupt any telegraph or telephone line or communication thereon between any two points." Stewart has maintained that only the FCC has jurisdiction, and his station is operating properly. The case has been continued while the court mulls its decision.

Stewart's neighbors also were in court but did not have an opportunity to speak. "My attorney told me, 'Your neighbors are mad because you're not going to jail'," Stewart said. If convicted, he faces a fine of up to \$500, six months in jail, or both.

Stewart said the prosecutor had wanted a group of hams to inspect his station, but he said one of the group that was supposed to conduct the inspection called him Thursday to say the group had decided not to get involved in the case.

"It should have never gotten to this point in the first place," he says, adding that he's tried to work with his neighbors regarding telephone interference ever since the first complaints arose three or four years ago. "I put myself on a schedule," he said, operating on 40, 20, and 10 meter SSB only on weekdays between 8 AM and noon when his neighbors were at work. He says he never operates on weekends. Stewart says he stayed off the air for a while after his arrest, but he has since resumed limited operation.

He says he runs a Kenwood TS-440 barefoot. Although he does have a beam, he says he got rid of his Heath SB-220 linear amplifier after the RFI complaints surfaced.

"The problem is not here," he says of his station. A retired professional photographer, Stewart—who's 60 and confined to a wheelchair—spent ten years in California after his retirement, but he moved back to his native Mississippi in 1993. His arrest shocked his friend and generated a lot of media attention. "My phone hasn't stopped ringing," he said. The case also has attracted the attention of the Amateur Radio community.

Stewart described his arrest—which he says took place in front of his three-year-old granddaughter—as a traumatic experience.

"It was humiliating," he said. "They bodily arrested me, and I'm in a wheelchair!" Stewart said he was taken to the sheriff's department, where he was booked and a mug shot taken. He had to post a \$500 cash bond to avoid spending time in jail, he said.

Up until now, Stewart says, he's had no problems with the law. "I've never had a parking ticket," he said.

The pending legal issues aside, Stewart said he has tried several ways of dealing with the interference complaints beyond restricting his operating hours. He said he invested \$175 in a 900-MHz cordless telephone that proved to be totally interference-free when installed at one complaining neighbor's home. Stewart says he offered to let the man use the telephone indefinitely as long as they both lived in the neighborhood, but the man refused the offer.

He's also offered filters, different telephones and other remedies, but says his neighbors have refused to cooperate.

Stewart says he expects the court to rule on the case very soon. (FROM THE ARRL's ARRL Letter)

FCC REAFFIRMS ORDER TO KEEP NORTH CAROLINA HAM OFF HF

NEWINGTON, CT, Nov 11, 1999—The FCC has reaffirmed its position that John A. Abernethy, K4OKA, of Hickory, North Carolina, will have to stay off the HF bands until January 22, 2000.

As a follow-up to a station visit last January and alleged malicious interference this past summer, FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth notified Abernethy July 27 that the Commission was modifying his license to prohibit operation below 30 MHz for 180 days, effective immediately.

The FCC's July letter included a copy of a tape recording—supplied by complainants—of transmissions said to be of Abernethy's station on July 16. The FCC says the tape consists of deliberate interference on 75 meters and notes that Abernethy was warned about deliberate interference at the time his station was inspected.

Abernethy, 75, subsequently disputed the authenticity of the tape recordings and requested the modification be lifted or lessened. But Hollingsworth told Abernethy this month that the sanction stands.

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"We will draw no conclusions from the tape recording, and even resolving the issue of the tape recording in your favor, we have no basis to rescind or change the modification of your license," Hollingsworth said in a November 3 letter to Abernethy.

FCC personnel inspected Abernethy's station January 21 and 22 in the wake of what Hollingsworth has called "longstanding complaints from other amateurs and from our field offices regarding the operation of your station." In particular, he said, the FCC had received "numerous complaints" about profanity, obscenity, deliberate interference, and failure to properly identify.

In his November 3 letter, Hollingsworth said the modification to take Abernethy off the HF bands for six months was based on findings made during the station inspections "including a tape recording that you had played over the air and which you showed to the Commission engineer."

Complaints to the FCC alleged that Abernethy had aired something called the "Porkbutt Song," the FCC said. The FCC says its High Frequency Direction Finding Center in Maryland tracked the transmissions of the "Porkbutt Song" to K4OKA.

During the January station inspection, FCC personnel found a cassette tape "installed in a cassette player" in Abernethy's ham shack. Abernethy "voluntarily destroyed the tape recording" while FCC personnel looked on, Hollingsworth said.

Hollingsworth said that although a license revocation proceeding may have been warranted, the FCC determined not to pursue it at that time.

Hollingsworth reminded Abernethy that "violation of the modification order will lead to revocation of your Amateur license." Abernethy may continue to operate on amateur frequencies above 30 MHz, however.

(From the ARRL's ARRL Letter of 11/12/99)



ARES/RACES NEWS

The Yavapai County ARES/RACES net is held every Monday night at 6:45PM on the Mingus Mtn. 147.220+ repeater. Lloyd Halgunseth WA6ZZJ Yavapai County ARES / RACES District Emergency Coordinator/Radio Officer

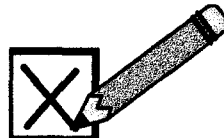
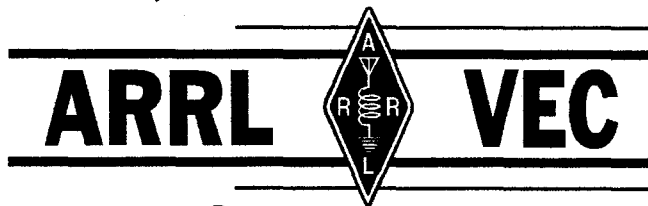
(520) 717-2706
wa6zzj@arrl.net



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.

FOR SALE, or TRADE?



Volunteer Examiner Testing

A test session was held on Saturday November 13. There were 8 candidates who were administered 10 elements, which resulted in 1 new No-Code Tech's, 2 Tech+ and 2 received element credit.

The tentative testing dates for 2000 are February 12, 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 increased to \$ 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 |
| KI7EB | 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.
147.260+ 103.5	Mt. Union
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, DECEMBER 16 @ 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 1900 WORLD RADIO™ MAGAZINE

(A GREAT PUBLICATION-CHECK IT OUT!)



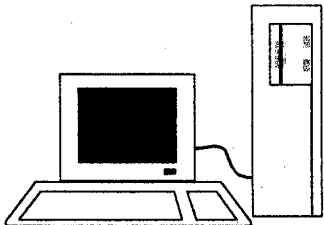
WHAT DO YOU WANNA BET I FORGOT TO SCREW THAT BOTTOM STEP ALL THE WAY IN?

**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, Webmaster!



MAHA
777

FRED ZIMMERMANN on BATTERIES

BUILT AROUND 7A GELCELL

PORTO-POWER
PORTABLE POWER STATION

12.6V IS GOOD BATTERY

I SHOULD BE GRE.
ON 12V LED & FLUORESCENT LAMPS

What do we do with \$100.00 Gift from NASCAR

- General
- Repeater - Voted to do this
- SPLIT-IT

NEXT YEAR FIELD DAY

- BAND STAMP
- Carol's Solar House

We'll be hooked up with a LINK TO SCCA
plus Verde Valley.

NOMINATIONS

- PRES Lee CUMMINGHAM ✓
- VP TERRY; FRANK ✓
- SECY John Wilson ✓
- TROPS FRED SHEP/RTTE ✓

BOB
X TONY
FRANK
DALE

SAT MAY 6 IS Whiskey Row MORTHEM

1930 ME Union 147.26 + offset 103.5 PL
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BOB
NEXT MEETING DEC 16 } REVIEW/CLANCES
FIELD DAY JUNE 24, 2000