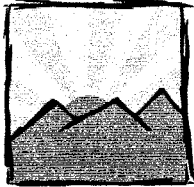


The Yavapai Signal

**THE YAVAPAI AMATEUR RADIO CLUB
 PRESCOTT, ARIZONA DM-34
 VOL 9 - No. 5 MAY, 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.



YARC OFFICERS for 1999

Lee Cunningham, KC7CBK
 Hal 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 Horneff WA6JBV

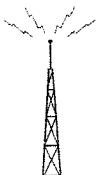
Dale Leslie, N7XFD

(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.



FCC DROPS AMATEUR ENFORCEMENT LINE IN FAVOR OF E-MAIL, US MAIL

The FCC says it now wants Amateur Radio enforcement complaints via e-mail or US mail and has discontinued its Amateur Enforcement Line (202-418-1184). The FCC this week requested that amateur-related complaints be sent via e-mail to fccham@fcc.gov or via the US Postal Service to Compliance & Information Bureau, ATTN Amateur Radio Complaints, 1270 Fairfield Rd, Gettysburg, PA 17325.

The FCC instituted the telephone service last fall when it beefed up amateur enforcement under the direction of Riley Hollingsworth, K4ZDH. However, the FCC never intended to maintain the telephone service permanently.

The FCC said this week that complaints already filed on the telephone service will be acted upon, and anyone who has left a message will receive a return call from Commission staff.



UPCOMING EVENTS OF INTEREST

- ▶ May 21-23 Six Club Contest-6 Meters
- ▶ June 12-14 ARRL VHF QSO Party All bands 50MHz & up.
- ▶ June 19-20 SMIRK (6m) QSO Party
- ▶ June 25-26 Field Day
- ▶ July 3, 1999 Frontier Days Parade
- ▶ July 23-25, 1999 Fort Tuthill Hamfest/AZ State Convention Flagstaff, AZ
- ▶ August 14 - VE Testing, Prescott

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



APRIL MEETING

YAVAPAI AMATEUR RADIO CLUB Prescott, AZ 15 April 1999

MINUTES

The Meeting was called to order at 7:05PM by President Lee Cunningham-KC7CBK. No visitors were reported.

The reading of the March minutes were tabled until the May meeting.

Club treasurer Fred Schefflette-KC7TIN reported that the club has \$649.07 in the general fund and \$36.33 in the refreshment fund. Lee Cunningham reported that \$5.00 from each dues payment would be put into the club's repeater fund.

OLD BUSINESS: All old business was tabled until the May meeting.

NEW BUSINESS: Neither members nor officers brought up any new business.

COMMITTEE/STAFF REPORTS: Tony Masvidal - W7PCU reported that he put a newsworthy note in the Prescott Courier announcing the club's World Wide Web page. The announcement was four lines in length. Tony also announced that pictures of Prescott's Emergency Operations Center were to be put onto the club's web page. The pictures were displayed up front for those members without access to the web.

Programs officer, Bob Kane - K7KOL had nothing to report.

The Field Day committee announced that the club has the availability of using the Antelope golf course for Field Day. Lee Cunningham added that the golf course would be a last resort location.

The Training & Technology committee (Pen Brown-KJ7KL & Vern Gregory-N7VG) reminded the club their discussion on antenna grounding will be most likely at the June meeting.

Our refreshment organizer, Dave Passel-K6UWV, reported no problems and stated "If you don't eat it tonight, you'll get it at the next meeting."

Lloyd Halgunseth-WA6ZZJ, the county's ARES/RACES coordinator, reported that the March of Dimes Walk-A-Thon was all set. He reported there is still a need for radio operators at the Whiskey Row Marathon coming up on May 1st. A sign-up sheet was posted up front.

The clubs Webmaster, Bob Smith-WB6ODR reported that he is still in the learning process. Bob stated that Silent-key Frank Bennett-N7VOJ (former Webmaster) was a genius and he's doing his best to fill his shoes. Bob has updated some aspects of the page and wishes to do more. The web page has been officially dedicated to Frank Bennett.

ANNOUNCEMENTS: It was announced that AB7NK, in Cordes Junction, knows a way to attach files to Juno email messages.

Secretary Kris Bearscove-KC7UNK read the Information Sheets on the clubs two newest members - Paul Hicks-KD7EEN and Dave Blythe-KD7DGR. Kris also announced that April's newsletters were not present, so he will mail ALL members a copy when he acquires them.

Due to a death in the family, our evening's speaker, a Flight Nurse with Native American Air Ambulance, was unable to attend, therefore there was no program for the evening.

The meeting was adjourned for the evening at 7:48PM.

Paul Schumacher - N7TUZ won the 50/50 raffle of \$12.50.



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.



Packet, It's Alive

By Lee Cunningham-KC7CBK

Lynn, KC7PJO, sent me a copy of the commands that are used while connected to a BBS. These commands will not be in any particular order. For example **A**(bort) can be used at any time while you're watching the list of bulletins flash by. The paging commands **N**(ext) is used to skip to the next message if you have requested a string of messages. To read a string type **R**(ead) #(space) #(space)#.....etc. Example: **R** 1234 5678 9123.....etc. This will allow you to read several messages or bulletins without stopping. **C**(ontinue) is used to read the rest of the messages without paging. **B**(ye) is used to sign off the BBS or another mode. **C**(onference) can be used connect several stations together (multi-connections). **CW** is used to show the callsigns of the stations in the conference. **H**(elp) give you a summary of the commands. **H+** the command will give you a description of the command. You can also use the question mark(?) The **G**(ateway) command give you access to the Internet Gateway, if the BBS provides a Gateway. **I** is for information about the BBS. Location. Sponsor. Power. Antenna gain. **J** commands list the callsigns heard by or connected to the BBS. **JK** shows the last 20 connected callsigns. Kill commands delete messages sent by you or to you. **KillMine**, self explanatory. **Kill msg#**, deletes a message by number. **List**, enumerates the new messages since the last usage of this command. **ListBulletins**, self explanatory. **ListMine**, enumerates messages to you. **Name**, enters or modifies your name. **NameHome**, enters or modifies your home BBS. **NameQth**, enters or modifies your home (QTH). **NameZip**, enters or modifies your home zip code. **Options**, displays the setting of various options. **PS**, gives the list of servers available in the BBS. **ReadMine**, displays all the messages to you. **ReadNew**, displays all the new messages to you. **ReadUnread**, displays all the unread

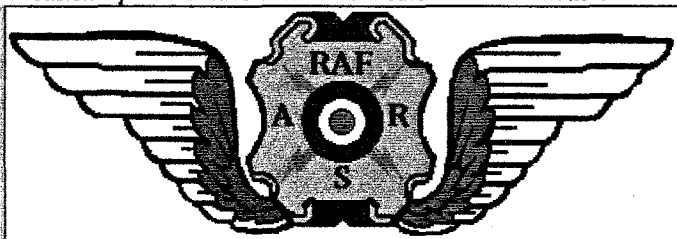
messages to you. Send, conveys a message or a bulletin. SendPrivate, conveys a private message to a callsign. Talk, summons the SYSOP. Upload, uploads a file from the user to the server of the BBS. What, lists the files which are within the user directory. EXpert, toggles between expert and normal menus. YD file name, downloads a file from the BBS to you.

If you have any questions or comments, please telephone me at (520)771-2055, e-mail: kc7cbk@arrl.net, or packet: KC7CBK(-1).



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:



ROYAL AIR FORCE AMATEUR RADIO SOCIETY

6th April 1999 NEWS SHEET. The Spring 99 QRV magazine and RAFARS Callbook for 1999 has now been posted to all paid up members. The registration fee on joining or rejoining RAFARS has been reduced from £4 to £3. The lapel badge previously supplied on joining is no longer given with the starter pack.

A reunion is to take place of Radio Amateurs who served in the Radio Security Service during WW2. The meeting will be at Bletchley Park on 16th May 1999. Contact Noz. G3ASE, for details, he is QTHR in the Callbook (Not RAFARS). Stuart G6FTB is moving to Essex during 1999 and has therefore to relinquish his Area Rep Lancashire post. Any volunteers for his replacement?

Our Tech Manager, Bob G4DDM, is also the editor of the Yatesbury Association News Letter. In the Christmas edition there is an article about those who served in Jordan during the successful 1958 campaign. Mr. D Gill would like to hear from anyone who served in Jordan at any time, but particularly if they were there in 1958 as there is a nice medal to be had. He can be contacted at Drakemere Croft, Calmorrie, Methlick, Eilon, Aberdeenshire, AB41 7JN or on 01651 806252.

You may not be aware that this year's Royal Tournament, 20th July to 2nd August, is to be the last. Discount tickets are available to RAFARS parties of 20 or more. The number to ring for enquiries is 0171 370 8399.

Roy Davies G3MVK, Area Rep Shropshire, has been appointed Assistant Marketing Manager reporting directly to Council. He is QTHR in the RAFARS Callbook. Logbooks and QRV binders are available by post, not just at rallies.

At the last Council meeting it was agreed that RAFG, with very few members now, should come under the wing of the Overseas Area Rep, who we don't have at the moment. It is felt that someone who contacts them frequently might be persuaded to do this job. Alternatively overseas members can now opt to be adopted into a UK area of their choice as ANY member can now chose to do. Apply to Mike Street, G3JKX, quoting name, callsign, RAFARS number, present area and the area number that you would prefer to be in.

We still need quite a few Area Reps, they need not be physically in the area that they represent, in it or adjoining would obviously be best but not strictly necessary. Any more volunteers?

The VP8RAF callsign has now been retained in perpetuity for RAFARS. Chris G0TQJ our Special Events callsign man holds it on our behalf. Any member can use it by arrangement assuming of course that they get lucky getting out there!

As you will all know there is going to be a Solar Eclipse, which will be total over Cornwall, on August 11th. The RSGB have been contacted by the Appleton Laboratory for support of a project during this event. Basically they require signal strength data before, during and after the event. It is hoped to establish nets over this period. The RSGB wrote to RAFARS to see if they had our support, naturally Council agreed. Radcom will publish details later. There is no doubt RAFARS CW and Phone nets could be run over this period. It looks like 160, 80, and 40 metres are the bands they are interested in. Watch the Radio, Press, RAFARS/RSGB Internet and Packet news for more information as it comes in.

Peter Poole, G4EYV, has become civvy instructor with 213 SQN ATC. He has acquired a Telequipment D55A Scope. Anybody got a manual for one? Let him know on 01634 716463.

Roger, G3ZDW our Contests Manager, would like to increase the number of teams entered in to the RSGB Affiliated Societies Contests. If you think you can get a team together in your area or even a part team Roger would like to hear from you. There must be groups of RAFARS members living within a 50 mile radius of each other who can muster a CW or SSB team. If you entered last year Roger will be writing to you.

The new RAFARS QRS net in the Novice allocation of 80m is coming along nicely. It's on Thursdays at 1900 local on 3566 +/- QRM. Come and join the party, if not Mike G3JKX then Jakey G3JKY, Stan G0BYA or someone will be around to chat to.

There was a suggestion for an Ex RAF Signallers Net, please let us know if you are interested.

Anyone interested in 136KHz? Mike G3JKX is just finishing a 20 watt Transceiver for the band. It will be the Spring before he can get started on the aerial. Mike hopes to get G8FC up and running on the band.



FROM THE PAST-PRESIDENT

Where's the stub?

While a member of an investigative team for my employer-airline, I was sent with the team to determine why certain airplanes in a large fleet were missing their aft belly vhf stub antennas, the ones shaped like a shark's fin and about 2 feet in length. Of a ninety aircraft fleet, only 25 to 30 of them were subject to the loss, and the loss was only being reported by flight and maintenance crews in Salt Lake City, a major western United States hub city for the airline.

Three team members, including me were dispatched to Salt Lake City to observe operations there. We were sure that either postal delivery or baggage handling carts and belt loaders in Salt Lake were carelessly striking the fiber-glass antennas, severing them from their belly mounts, leaving the metal antenna element and coax exposed to the elements. We never found any fiberglass fragments at the gate areas where the airplanes had been loaded though, and that immediately challenged the theory of local damage. Besides, we never saw any un-safe or damaging activity by loading crews.

Because these were standard airplanes in the fleet, we ruled out

unique aerodynamic forces on the stub antennas or special weather conditions. All of our aircraft were subject to 100 degree days in Phoenix and then flying up to 30000 feet where the temperatures were in the minus 30's, making that change in a half hour or less. Thermo-dynamic forces were thus ruled out. Then we began to look at the individual airplane's history: where had it come from before the damage was reported?

Voila! All missing antenna aircraft reported in Salt Lake had just come from John Wayne Airport in Santa Ana, California! What was so special about John Wayne operations? We left Salt Lake and flew down to John Wayne, spending a few days watching operations there. We had our answer in two days.

The John Wayne airport, also called the Santa Ana or Orange County airport is nestled among some very affluent neighborhoods; affluent enough to influence local and state governments about noise and pollution concerns. To monitor noise levels along the active runway, this airport had a series of microphones placed the length of the runway which fed acoustic levels to a computer which gave airport officials a sound print of each takeoff and landing. If certain types of aircraft or certain airlines continually failed the required noise abatement regulations, they would be barred from using the airport.

To circumvent this surveillance, our pilots, who were recently released from aircraft carrier flying with the US Navy, would use carrier takeoff tactics: they would lock the brakes at the takeoff position on the runway, apply full power to the engines, and then unlock the brakes. Remember how we used to "pop the clutch" and squeal our way through the gears, impressing ourselves? The airplanes of course, don't peel rubber on takeoff, but they do literally push the passenger back in his seat when the brakes are released. This abundant roar of engine noise would confound the noise computer because the pilot would rapidly accelerate, lift off the runway, and be at 1000 feet altitude with engines at idle by the time the airplane passed over the last microphone! The acoustic inputs to the computer were totally skewed by uneven sound levels along the microphone string.

This was all well and good for beating the "noise-cops", but we watched our ex carrier jet-jocks leave the runway at such steep climb angles that they were dragging the aft belly of the airplane along the runway, grinding our fiber-glass antennas down to a nub. Sometimes the antenna mount would separate from the co-ax connector, and the connector would whip and beat the aircraft skin to death as the coax flopped around in the 400 mph breeze. That kind of damage required two to three shifts of avionics and sheet metal mechanic repair time plus replacement of the antenna at \$1600 a pop. Now that we knew the problem, what was the fix?

Back at the Los Angeles hangar, we took one of these subject aircraft and jacked up its nose while supporting the tail end. We found that we could "tilt" the airplane to simulate a 7 degree lift off angle without endangering the antenna or surrounding structure. From our experimenting with various loads in the airplane and simulated takeoff angles, we determined that the damaged aircraft were leaving the runway at about a 9 degree angle. That's exhilarating, but it's like

popping the clutch and then finding parts of your u-joint in the street! Notices to the pilots flying out of John Wayne eventually eliminated the damage and down time.

So, we saved the stub; it was no longer a nub with an impossible VSWR!

73's Bob, K7KOL



From the FAQ (Frequently



Asked Questions) files

HOW DO I GET THOSE ARRL AWARD CERTIFICATES?

(Continued from last month)



Awards chasing is one of the most exciting facets of Amateur Radio operating. It's a major motivating force of so many QSOs that occur on the bands day after day. Indeed, it's a vital aspect that -- if you want it -- makes each and every radio contact a key element in your present or future Amateur Radio success. So transform those QSOs into beautiful certificates or plaques for your ham-shack wall!

Aside from the fun of operating itself, awards chasing is also a good way to get maximum performance from your station, become familiar with propagation, and even learn about the geography, history or culture of places near and far. The League sponsors some of the more popular operating awards (if you are in the US and Possessions, Canada and Puerto Rico, you must be a full-fledged League member to participate), and the following is a brief summary of what ARRL has to offer.

A-1 Operator The A-1 Operator Club promotes high standards of amateur operating by selecting for membership only those amateurs who have demonstrated superior operating skill.

Old Timers Club The coveted Old Timers Club certificate can be yours if you have been licensed at least 20 years. Drop a note to HQ with the date of your first license, and your call (both then and now), along with a fee of \$3.00. HQ will verify this information, and send your OTC certificate promptly.

ARRL Friendship Award The purpose of this award is to encourage friendly contact between radio amateurs (hams) and thereby discover new friends through personal communication with others. The ARRL Friendship Award is available to any ARRL member who submits log extracts that show two-way communications with 26 stations whose callsigns end with each of the 26 letters of the alphabet. (For

example: W4RA, KØORB, W3ABC...K1ZZ.) An SASE will bring you the rules and application form, or you can view and download them online.

Code Proficiency Evaluate your Morse code ability through the ARRL Code Proficiency program. Copy one of the W1AW's twice-monthly qualifying runs (sent at speeds from 10-40 WPM on virtually all bands—see ARRLWeb's W1AW schedule), and submit one minute of solid copy and an SASE (9 × 12 inches with 2 ounces of postage for certificate, small for endorsement) to HQ. Your submission will be checked directly against the official W1AW text, and if you pass, you'll get your initial Code Proficiency certificate. From then on, endorsement stickers are issued for speeds up to 40 WPM. Non-hams and hams alike are eligible for the Code Proficiency program. Individuals may also use Qualifying Run text transmitted by W6OWP for the ARRL Code Proficiency Program. W6OWP transmits text (once a month) at speeds from 10 to 35 WPM, with quarterly 40 WPM runs. A schedule of transmitting times and frequencies is available by contacting W6OWP or K6YR, or by going to the W1AW Schedule.

Worked All Continents (WAC) Sponsored by the International Amateur Radio Union (IARU), the Worked All Continents award is issued for working and confirming all six continents (North America, South America, Oceania, Asia, Europe and Africa) on a variety of different bands and modes. The award requirements detail what must be completed for this award. A 5-Band WAC certificate and a 6-Band sticker are also available. For US amateurs, cards are checked at ARRL HQ.

Contests The League sponsors exciting on-the-air contests for developing operating skills from 160-meters to 10 GHz. Contests are also the "fast-track" way to make those needed QSOs for ARRL awards. See ARRLWeb's Contest Calendar for details on League-sponsored contests and recognition awards.

Plaques Those who qualify for either 5BWAS or 5BDXCC are eligible for a handsome plaque. Further information, including required fee, is included in the 5BWAS or 5BDXCC application materials.

How to Get Forms. Official application forms are required for WAS, DXCC, VUCC, Friendship and WAC. Forms are available electronically from several sources:

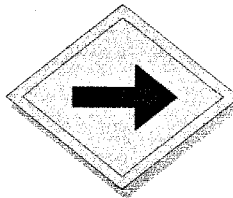
From ARRLWeb Forms for the Friendship Award, WAC, WAS and 5-Band WAS are available for download.

From the ARRL Internet Infoser Send an e-mail message to info@arrl.org. Put in any subject (it is ignored). Enter the following text in the body of your message:

HELP
INDEX
QUIT

From ARRL Special Requests Send your request with a business-size self-addressed stamped envelope (SASE) to:

SPECIAL REQUEST
ARRL Headquarters
225 Main Street
Newington, CT 06111



SAY WHAT?

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

#1-"You have a terrible hum on your signal"

#2-"I know but I'm going to put up a beam so my signal will be louder than the hum!"

"My microphone has telephone buttons. What are they for?"

"I'd join the club, but I don't know anyone in it!" (Duh, that's what it's for, isn't it?)

A PLAY ON WORDS?

"I'm selling the other radio because I don't need duplicity!"
(The American Heritage Dictionary defines 'duplicity' as: Deliberate deceptiveness in behavior or speech) Hmmm.

"I can't get a good match, even with a tuner. Would 2 tuners help?"

"How come CB microphones didn't have DTMF tones in them?"

"If I put my 2 meter antenna up higher I might hear some DX."

"Boy, that new HT I got sure does look good hanging on my belt!"

"I paid \$30 for call sign license plates then I changed my call sign. I want my money back!"

"I've got to watch what I talk about on the repeater. My wife listens on the radio at home!" (Whoops!)

"I operate my HT off the car battery while I'm mobile. Won't that run it down?"

"I don't like the 440 band, the waves are too small!"

"If I put up a better gain antenna, I'll get into all those cracks and crevices out there!"



OTHER NEWS OF INTEREST

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

RETESTS AND SHORT TERM RENEWALS

The FCC is now using a pair of old enforcement tools in a new way. If you seriously break the rules you may wind up being called in for a retest and you may wind up with a short time license.

The FCC's top amateur enforcer, Riley Hollingsworth, K4ZDH, says he plans to make judicious use of both the short-term renewal and retesting to boost amateur compliance.

Hollingsworth employed a short-term renewal as a sanction in a recent amateur case where a newly licensed teenaged ham was found to be transmitting music on a police frequency using a modified hand held. On April 14, Hollingsworth reinstated the ham's Technician license, which had been suspended, but imposed a one-year renewal. Local police in New Jersey had reported to the FCC that Mike Mustachio, now KC2EUT, had transmitted music on a police frequency for about 12 minutes on March 16, just days before his ham ticket was granted.

Hollingsworth said he spoke with the 14 year old licensee and his parents before making a judgment call in the case to go with a short-term renewal.

He expects the sanction might come in handy in other pending enforcement cases as well, but he still expects to use it only "in rare cases where there are mitigating circumstances and a good likelihood of compliance."

He said short-termed licensees may appeal, but then the case goes to a hearing, and the process can get much more formalized and complicated.

Retesting is another administrative prerogative that Hollingsworth has been taking advantage of. The FCC has the authority to request that any amateur who obtained a license through the Volunteer Examiner program retest either at an FCC office or using another Volunteer Examiner Coordinator.

Earlier this year, Hollingsworth notified a Delaware ham that she had to retake her Extra class examination or lose her ticket. More recently, the FCC asked a Michigan ham to retake his General and Advanced class examinations. Hollingsworth said this week that other retesting requests will be going out soon in several cases where licensees either have not responded to a written Warning Notice or where something about the licensee's actions or responses might have raised questions about the individual's qualifications.

He said the FCC also might decide to investigate or ask for a retest when it received "substantiated or well-founded complaints".

Hollingsworth says recent testing "recalls" should not give rise to speculation that the Commission intends to institute routine retesting.

"We're going to use this very carefully," Hollingsworth said. "We don't want to scare everybody into thinking that they could get a recall in the mail."

Hollingsworth says that the recent spate of retests should not give rise to speculation that the FCC intends to institute wholesale retesting. He indicates that those retest letters are being reserved for those who have done the very worst. (From the ARRL)

TEXAS ANTENNA BILL SIGNED INTO LAW

AUSTIN, TX, May 11, 1999—Months of hard work by amateurs in the Lone Star State paid off Monday when Texas Gov George W. Bush signed into law a bill to incorporate the limited federal preemption, PRB-1, into state law.

The new law, which becomes effective upon the Governor's signature, amends the Local Government Code in Texas to prevent local jurisdictions from enacting or enforcing ordinances that fail to comply with PRB-1. The bill further would require ordinances dealing with Amateur Radio antenna placement, screening, or height based on health, safety or aesthetics to "reasonably accommodate amateur communications" and "represent the minimal practicable regulation to accomplish the municipality's or county's legitimate purpose."

Because of an amendment added during the legislative process, the new Texas law does not prohibit localities from taking action to protect historic or architectural districts.

HB 1345 was introduced in March by State Rep Patricia Gray at the request of Karl Silverman, NOWWK, president of the Johnson Space Center Amateur Radio Club. Silverman became the prime mover behind HB 1345, often exhorting Texas hams via e-mail to appear for hearings or to write lawmakers and the governor to support the measure.

Hams in several other states also are contemplating measures to incorporate PRB-1 into their states' laws. A PRB-1 measure already has been introduced into the Maine legislature.

MFJ PURCHASES HY-GAIN

STARKVILLE, MS, May 13, 1999—MFJ Enterprises has acquired Hy-Gain, a well-known manufacturer of antennas, towers, and rotators. Hy-Gain was owned by Telex Communications of Lincoln, Nebraska. The deal closed Monday, according to MFJ President Martin Jue, K5FLU, who declined to reveal the purchase price. Jue said today that MFJ plans to move the antenna manufacturing facility to Mississippi and staff it with local employees. He anticipated production at the new site could begin within a few weeks.

"We bought everything—the whole deal," Jue said. "We're going to have to shift some things around to make room." Jue said MFJ would tackle the moving job after the Dayton Hamvention.

As it has done with other enterprises it's acquired, MFJ plans to keep the Hy-Gain name and operate the antenna manufacturer as a separate entity. Hy-Gain products will compete with MFJ's own line of antenna products, but Jue said the short-lived Ameritron antenna line would be discontinued in favor of the Hy-Gain line.

Former Cushcraft Production Manager Art Hambleton, K1ART, joined MFJ Enterprises last fall. Jue said Hambleton will be involved in the new Hy-Gain venture, but he was not sure in what capacity.

Jue said Hy-Gain would immediately start selling the entire product line through the Amateur Radio dealer network. For the past year, Hy-Gain had sold its products factory-direct. MFJ said it expects there to be a "small transition period" as stock, parts, equipment, and production are moved to Starkville. As part of MFJ, Hy-Gain will continue its current product line and introduce several new ones—including two new verticals that will be announced later this week at the Dayton Hamvention.

Jue said customers can contact Hy-Gain at 800-647-1800; fax 601-323-6511; <http://www.mfjenterprises.com>.



ARES/RACES NEWS

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

On the ARES scene this month..

The next quarterly training meeting will be held at the Verde Rural Fire Station located at Godard road and Highway 260 in Cottonwood on Saturday, June 5, 1999 starting a 10:00 AM.

On the Club Scene..

The Yavapai Amateur Radio Club provided communications for the March of Dimes Walk America on April 17th with 11 members assisting. A BIG THANK YOU to KA1BAB, KD7DSO, N2MXG, KB7TRE, WB7RRQ, W7PCU, KC7TIN, WA6JBV, KC7CBK, WB0QLO AND WA6ZZJ.. The March of People appreciated our assistance.

On May 1st the Club provided communications for the 21st running of the Whiskey Row Marathon. 15 of our members assisted with this event. Two of our dedicated members were on the job at 0300 and the rest of the crew came on at 0500. Another BIG THANK YOU to KD7DSO, KC7UNK, W7PCU, N7XFD, WA6HJK, KC7TIN, WA6JBV, KC7CBK, K7KOL, K7CJW, KD7AOI, K6UWV, N7PJN, KC7ZPU AND WA6ZZJ. There was a total of 1071 runners in the Marathon this year including 85 year old Al Clark who has run in all 21 Marathons.. A good job was done by all who helped.

73

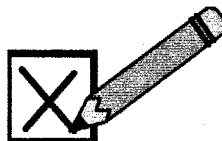
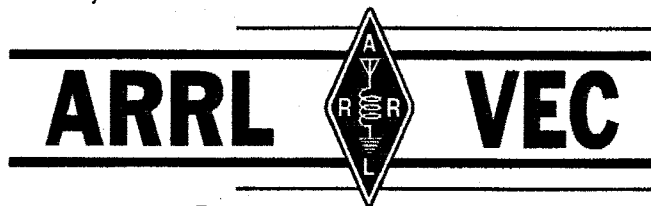
Lloyd Halgunseth WA6ZZJ
Yavapai County ARES / RACES
District Emergency Coordinator/Radio Officer
(520) 717-2706
wa6zzj@arrl.net



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

A test session was held on Saturday May 8. There were 13 candidates who were administered 18 elements, which resulted in 4 new No-Code Tech's, 1 Advanced upgrade and 1 element credit.



The tentative remaining testing dates for 1999 are August 14 and November 13, 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 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

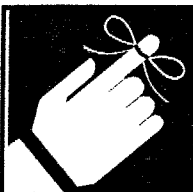
- | | | | |
|--------|-----------------|--------|---------------|
| AB7KE | Joan Tremper | AB7KF | Bob Nichols |
| AB7NK | Mary Miraldi | AB7VH | Ruth Enabnit |
| K7KOL | Bob Kane | KA7NGK | Don Broadston |
| KB7FRV | Leonard Beers | KC7AGL | Don Muller |
| AB7SK | Ginger LeGendre | KK7JH | Billy Peters |
| KG7OL | David Miller | 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.
147.140+ 162.2	Flagstaff(Mt. Eldon)
147.220+ C/S	Mingus Mtn.
223.960- 127.3	
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, JUNE 17 @ 7:00pm



Wednesday Morning Breakfast-Iron Horse Café, S. Hwy 89 in Chino Valley (N 34° 43' 56.5" E 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. All are invited.

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

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

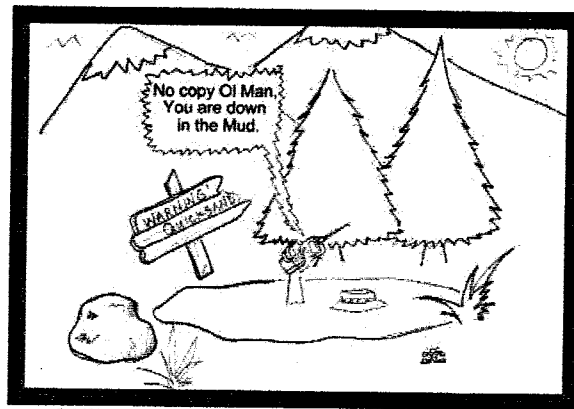
(A GREAT PUBLICATION-CHECK IT OUT!)

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

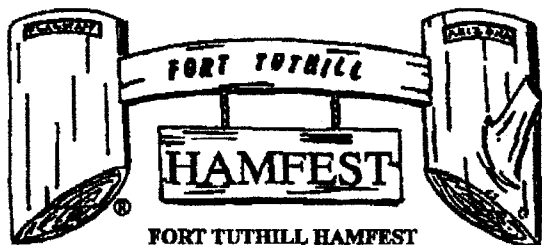
Visit us on the web at:

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

REMINDER: The July meeting date has been changed to the 22nd to coincide with Ft. Tuthill.



CARTOON COURTESY OF Koy Carson-KC5OGT
<http://members.odyssey1.net/koycar>



**FORT TUTHILL HAMFEST
and
ARRL ARIZONA STATE CONVENTION
JULY 23, 24, 25, 1999**