

# THE YAVAPAI SIGNAL

**THE YAVAPAI AMATEUR RADIO CLUB**  
**PRESCOTT, ARIZONA** **DM-34**  
**VOL 12 - No. 6** **JUNE, 2002**

## 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. Dues are \$20.00/yr. 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.



### 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. The 147.040+ (100.0 PL) repeater is back up and running in Prescott Heights. Many thanks to Bill Kafka, W2YAV for the upkeep and use of the repeaters.

### YARC OFFICERS for 2002

President John Wilson-KM6BF <a href="mailto:km6bf@cableone.net">km6bf@cableone.net</a>	Vice President Frank Horneff-WA6JBV
Secretary Bob Tilman-K7CJW <a href="mailto:k7cjw@webtv.net">k7cjw@webtv.net</a>	Treasurer David Passell-K6UWV <a href="mailto:davidrex@northlink.com">davidrex@northlink.com</a>

### YARC BOARD OF DIRECTORS Includes Club Officers

#### Immediate Past President

Dale Leslie-N7XFD [daljerles@webtv.net](mailto:daljerles@webtv.net)  
Lloyd Halgunseth-WA6ZZJ [wa6zzi@cableone.net](mailto:wa6zzi@cableone.net)  
Dick Hughes-W6CCD [rhughes@cableone.net](mailto:rhughes@cableone.net)  
Bob Smith-WB6ODR [lrsmith@cableone.net](mailto:lrsmith@cableone.net)

WEEKLY NET CONTROL - Dale Leslie-N7XFD  
NEWSLETTER EDITOR - John Wilson-KM6BF



### FROM YOUR PRESIDENT



### WELCOME VVARA MEMBERS!

I don't know if this is the first joint get together we've ever had, but we are pleased to host the meeting.

**July 25** - The ARRL's AZ Section Manager Cliff Huser-KD6XH and ARRL "RFI Guru" Ed Hare-W1RFI will attend and enlighten us on happenings, not only with the ARRL and AZ, but interference as well. (NOTE: This meeting has been re-scheduled to the 4<sup>th</sup> Thursday since Cliff and Ed will be at the Ft. Tuthill Hamfest that weekend)

**August 15** - Project Night. We will "attempt" to build something and hope it works. Any suggestions?

**September 19** - Auction Night. A great way to clean out your shack or pick up some more junk! Proceeds will benefit the club.

Several suggestions were given for future programs and we will do our best to accommodate them. If you would like to give a program at one of our meetings, please let us know and we will schedule you as time permits. Remember to keep sending me your QSL cards and a short story about them for future newsletters. If you can't can and e-mail, then send me the card and I scan it for you.

Remember, there's always room in the newsletter for your stories and contributions as well. Keep 'em comin'! 73!

John Wilson-KM6BF  
YARC President



YARC HIGHLIGHT



Focused on Excellence Through Education and Training

\* Join A.R.E.A. Membership application and a sample of the Membership Certificate are located here.

\* Site Map Feel like you can't find what you are looking for? Check out the site map for help locating it!

\* What is A.R.E.A.? Find out who we are, what we are all about and what we stand for. Check out the FAQ (Frequently Asked Questions) page.

\* Awards! Does your webpage encourage education, public service, emingering? A.R.E.A. has a Gold, Silver or Bronze Award for you to post on your site if you do. While you are there, check out the Awards given to A.R.E.A.!

\* Amateur Radio Reference Library This is the largest collection of links and information pertaining to all phases of Amateur Radio; a must see to believe!

\* A.R.E.A. Store Be sure to check out the items A.R.E.A. has available for you! They will help to show that you are supporting excellence and education in Amateur Radio!

\* What's New At A.R.E.A.? Find out what the latest additions, subtractions and changes are here at the Amateur Radio Education Alliance!

\* Bookstore Looking for a particular book about Amateur Radio? A.R.E.A. is an Associate of Amazon.com and our Bookstore has some excellent suggestions for you. If you don't see what you are looking for, just follow the banner to Amazon.com and I bet they do!

\* Amateur Radio News We will try to keep the latest updates on band allocations, Licensing Proposals, and general happenings in Amateur Radio right here on the News Page.

\* Chatroom While you are here, check out our chat room and see if anyone else is around. Once you get there, look around at TalkCity, our Chat sponsors.

\* Think Tank!! Be prepared to think when you enter here. Articles, comments, commentaries from your fellow hams and probably some non-hams as well. There will be a place for your "feedback" on the items that you find. Make sure you keep an eye on the "Founders Comments" page!!

\* Training Materials Want to learn about being a Net Control Station, ICS, or maybe learn more about the National Traffic System? Check out our Training Materials, complete with student and Instructor Guides.

\* Submit Your Materials A.R.E.A. is always looking for new materials, articles, and technical information to be posted for all to share and see.

\* Search Use the QRZ Callsign Search Engine to look up someones call, their name, e-mail address and even their websites. The most up to date source of information we have found on the Internet. Use our new search engine to locate what you need at A.R.E.A. We also have listed on this page all of the WebRings that we participate in, take this chance to get your site added to an Amateur Radio Webring!

\* Guestbook Please take the opportunity to sign our Guestbook while you are here, your comments and suggestions are important to us!

For further information, go to:

<http://www.area-ham.org/>



UPCOMING EVENTS OF INTEREST

→ → → June 22-23 FIELD DAY ← ← ←



Eligibility: Field Day is open to all amateurs in the areas covered by the ARRL/RAC Field Organizations. DX stations may be contacted for credit, but are not eligible to compete.

Object: To work as many stations as possible on any and all amateur bands (excluding the 30, 17 and 12-meter bands) and in doing so to learn to operate in abnormal situations in less than optimal conditions. A premium is placed on developing skills to meet the challenges of emergency preparedness as well as to acquaint the general public with the capabilities of Amateur Radio.

Jul 2. Midland, TX: Midland Amateur Radio Club, W5G. 0000Z-2359Z  
Hometown celebration of President George W. Bush's Birthday. 10-40 meters.  
Certificate. Midland Amateur Radio Club, PO Box 4401, Midland, TX 79704.  
<http://www.w5qgg.org/>.

July 13 - 14 IARU HF World Championships

1500Z Jul 13-0300Z Jul 14. Westwego, LA: Westside Amateur Radio Club, Inc, W5ABD. 50th Anniversary of the Westside Amateur Radio Club. 28.450 21.350 14.250 7.250. Certificate. Westside Amateur Radio Club, Inc, PO Box 2322, Marrero, LA 70073-2322. <http://www.qsl.net/w5abd>.

July 25, 2002-Next YARC Meeting

July 26, 27, 28, 2002-Ft. Tuthill Hamfest, Flagstaff  
(see flyer on back page)  
**HERE'S A LITTLE HISTORY!**



Ft. Tuthill, 1983 Hamfest. Shows the members of the Arizona Traffic and Emergency Net that were in attendance at the time. #1 is WA7YUL, #2 is K7POF, and #3 is W9KRQ. I can't recognize anyone else right now, but maybe other members will be able to do so. 73 Bob Ower-WA7YUL Prescott, Arizona

August 3 – 4 ARRL UHF Contest

August 10 – VE Testing, Masonic Lodge Prescott 10:00AM

September 14 - 16 ARRL September VHF QSO Party

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



**MAY MEETING**



YARC club meeting May 16, 2002.

Meeting came to order at 1700 with President Wilson.  
 Visitor Gene Brocky, AB7XJ  
 Minutes read and approved.  
 Treasure report missing due the forest fire.  
 Fred advised he told him we had a little over \$1300.  
 Reports. Road Rally; Bob Rosevear. Meeting planed for June 15th.  
 Emergency Services; Lee. May 3 a practice emergency evacuation  
 was run. It worked out good with only one bus getting lost. It was  
 located at Pioneer Park using amateur radio.  
 Forest fire. Started on the 15th about 2pm at the Indian Creek camp-  
 ground. By Thursday evening it had burned 800 to 1000 arcs. Lee  
 talked about the fire. He hopes have more to report next month. He  
 talked about the Red Cross and there working.  
 V E test had 4 takers with 3 passing. Next test session will be August  
 10th.  
 Newsletter articles need to be sent to John at least a week before the  
 next meeting.  
 June meeting will be combined with the Verde Valley club for the  
 program.  
 July meeting date is changed to Thursday July 25th to hear Cliff  
 Houser speak.  
 August program is to build something.  
 Fred talked about the Marathon race.  
 We took a break at 1948 and was back at 2000.  
 There was NO 50/50 drawing.  
 Program: Fred Z. ON GPS and radios. Bob tackled some on the use  
 of slurry bombers  
 Adjourned at 2037

Respectfully submitted,

Robert Tilman-K7CJW  
 YARC 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@cableone.net](mailto:km6bf@cableone.net)



**FROM THE MAILBOX**



May 26, 2002

Friends & Family,

Last week I successfully completed my First Officer training for Boston-  
 Maine Airways in the Jetsream 31 turbo-prop (jet-prop) airplane. The  
 training took place in Virginia just outside Washington DC and was  
 quite difficult, especially for a first-timer like myself. Talk about total  
 brain overload! Never in my life have trained so hard that I  
 INVOLUNTARILY dreamt and thought about the subject 24 hours a  
 day.

By passing my checkride last Wednesday I am now a full time pilot for  
 the airline. It may be a week or two before I am scheduled for any  
 flights, though. At least I'm now on the payroll :-)

Hope everyone had a great Memorial Day weekend. Have a great  
 summer 2002!!

Sincerely, Kris

Kristian Jens Bearscove – Pilot Boston-Maine Airways (Pan Am's  
 Clipper Connection) [www.bmainways.com](http://www.bmainways.com)  
 PERSONAL HOME PAGE:<http://www.angelfire.com/az/kbearscove>



**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.



**FROM THE WAY PAST-PRESIDENT**  
 K7KOL (Bob Kane)

Bob's on vacation this month! (Again?)

**PILE UP ON 146.520 MHZ**

Article written by YARC member and past secretary Kris  
 Bearscove, KC7UNK

A pile-up on 146.520? It DID happen! Trust me, I  
 was the center of it.

If you were in the New York, Pennsylvania,  
 and Ohio area on January 3<sup>rd</sup>, 2002 and listening →



on the 2m National Call frequency, then you probably heard it also. On this date I was still an Aerial Mapping Pilot and had been tasked to fly from headquarters in central New York to Riverside, California for a very large project over Los Angeles. I brought my 2m/440MHz Kenwood HT with me and decided to make a few contacts to kill the time.



At 8000 feet above the ground, I had great range on my HT with a metal collapsible antenna suction-cupped to the Cessna 172's windshield. For audio I used a single ear bud speaker slipped underneath my aviation headset. I used an external speaker/mic for transmitting. On the passenger seat I had my laptop running off an inverter plugged into aircraft power. Using a GPS and a moving map program I was able to know my exact location in reference to towns,

counties, and highways, instead of aeronautical landmarks most likely unfamiliar to most.

Not soon after my "CQ" I received a reply, AA3TH, Joe. It wasn't long before another station popped up. Well, that's all it took. One of them went to their local repeater and made a QST about my presence on simplex. Others started making phone calls to friends. Others went to their own local repeaters. Before I knew it I had people from all over the region trying to make contact with me... on 146.520! I was NOT prepared for dozens of stations calling me all at once and had no previous experience with DX'ing (except for one or two Field Days). But I soon learned how to work the pile-up. One thing I realized right off was that many of the 2m stations could not hear each other, so they kept calling and calling until I responded. To most, if not all of you, this sounds like a normal DX, but for me it was quite an experience.

Well, I got through it. Every callsign I heard I wrote down either the full call or a portion. I would answer stations in the order I heard them. The pile-up was running at a rate of 1 to 3... for every station I made contact with there were 3 waiting for me to answer them.

All in all I made 23 solid contacts. This may not sound like a lot, but while you're flying an airplane at the same time, it's quite a bit. I DID hear more than 23 stations calling me, but by the time I got to them, they were out of range. I ended up receiving 3 QSL cards from the ordeal. All these guys were excited to make an Aeronautical Mobile contact. I did make one Canadian contact, VE3BIU. I believe he said he was north of Niagara Falls. The farthest station from me was 75 miles.



This was absolutely the most activity I have EVER heard on 146.520 MHz, and to think I was the reason for it! I came out of this with a feeling of accomplishment. I worked my very own DX pile-up. Who cares if it was only 2-meters! Hey, at least I cleaned the cobwebs off the National 2m Calling Freq.

Now that I'm an airline pilot, I may never have the chance to try the same thing again, so that's why I decided to share the event. I hope you found it interesting and fun to read. 73's to all!

Kris Bearscove-KC7UNK



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

"I wonder if I can use my old CB antenna on 2-meters?"

"Boy, these new radios are so complicated I'll have to get my grandson to help me figure it out!"

"I'm going to wait for the big sale before I get any more radios."

"I can key-up all sorts of repeaters, but no one is listening."

"We need some new bands around here to make things interesting."

"The time-out-timer means your turn is up!"



#### ARRL MEMBERSHIP APPLICATIONS

The ARRL no longer allows clubs a portion on renewals. However, a new program effective October 1, 2001 allows clubs to keep a larger portion of NEW ARRL applications. If you are not a member of the ARRL, join now through the club. Submit your application to me or at any meeting. Remember to include the envelope too. It will save us a few cents on postage. Thanks. David

Passell-K6UWV-Treasurer.



#### OTHER NEWS OF INTEREST

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



#### RADIO LAW: HAM ANTENNA STRUCTURE BILL INTRODUCED IN CONGRESS

Some good news for antenna restricted hams. An ARRL bulletin says that a bill introduced in Congress May 14th could provide relief to amateurs prevented by private deed restrictions- and CC&Rs from installing outdoor antennas. Democratic Representative Steve →

## THE YAVAPAI SIGNAL – JUNE, 2002

Israel from New York has introduced the Amateur Radio Emergency Communications Consistency Act before the House. The measure is aimed at preventing private land-use rules from unreasonably interfering with the installation and use of appropriate antenna structures for amateurs.

The measure contains only one sentence. It says: "For purposes of the Federal Communications Commission's regulation relating to station antenna structures in the Amateur Radio Service any private land use rules applicable to such structures shall be treated as a state or local regulation and shall be subject to the same requirements and limitations as a state or local regulation."

Republican's Greg Walden, WB7OCE, of Oregon -- and he is the only Amateur Radio operator in Congress -- and Pete Sessions from Texas have signed on as original cosponsors. The bill does not yet have a number but is expected to be assigned to the Telecommunications and Internet Subcommittee of the House Energy and Commerce Committee. (ARRL Bulletin) From Newsline #1292 May 17, 2002

### Project Night--a Refresher Course By Rick Brown, AG4JN

What will be the highlight of your next Amateur Radio club meeting? It could be a great learning experience for everyone. Consider having a project night where club experts help solve technical problems.

How good are your soldering skills? Can you read and understand a schematic diagram? What about that old radio you've had sitting on the shelf--forever, it seems--needing some minor adjustments? When is the last time you honed your technical skills? Can you still accomplish those simple little tasks in electronics? If you answer no, or feel uncomfortable answering these questions, maybe it's time to get a refresher in those and other areas.

I know you're not going back to school to relearn what you think you already know--and spend a lot of money doing it. What about your Amateur Radio Club? Is there someone who specializes in repairing things and who wouldn't mind giving a refresher series on the topic, or even training others? One club--the Gulf Coast Amateur Radio Club in New Port Richey, Florida--has done just that.

The club and John Brown, WA9GRV, sponsored what has become known as Project Night. John was a vice president and engineer for 'T' Berry Electronic (now Uniden) and was responsible for the design of the first solid state PLL circuit. He is no stranger to challenges and has been a valuable asset to the GCARC.

It sometimes takes an engineer just to adjust the squelch or volume on today's compact H-Ts. Having someone in your club who is willing to provide assistance will enhance the value of club membership. This service can also be a means to attain new members and encourage them to become hams. We all need to get back to basics. Skills learned or honed during Project Nights add a lot to our knowledge of Amateur Radio techniques.

Most Project Nights have a specific topic. On a particular night everyone present might learn or practice good soldering skills. Another

night might be devoted to helping a member who has a desire to build something but has no idea how to begin. At GCARC, John, WA9GRV, will show the individual how to put the idea on paper, transform it into a schematic diagram, lay out the hardware and finally build and test it. On another night members might bring a radio that needs a little tune up. Project Night can enhance any club's activity list.

I think that for the sake of maintaining the viability of a club it is necessary to get members more involved in activities and expand the list of things to do. Our clubs will grow when we can introduce or improve an important activity. As with any other new idea your Project Night could be a hard sell. But once it is accepted and utilized you will see a new flame begin to burn in your club.

Rick Brown, AG4JN, lives in Holiday, Florida. First licensed in 1996, Rick is active on HF and 2 meter phone and is a member of ARES and RACES. He is president of the Gulf Coast Amateur Radio Club and hosts the South Coast Amateur Radio Society's 10 AM Saturday net on 7.251 MHz. Rick and a group from his club provide demonstrations of Amateur Radio at local grade schools and middle schools. Rick started Hamfest Under the Sun in 1996 to assist in raising funds for Ridgewood High School. The event has grown from 75 people at their first hamfest to about 400. He can be reached at ag4jn@ARRL.net.



### ARES/RACES NEWS



#### Activation Procedures .....

After the recent 'Indian Fire' in Prescott some questions have risen as to how ARES/RACES would be activated. The following is our present procedure.

- Any member of Yavapai County ARES/RACES, who, for any reason, suspects that a communications emergency may exist, should monitor one or more of the following repeaters for instructions and /or assignments.
- **Mount Union** 147.260+/103.5 pl (Primary VHF Repeater Freq)
- **Mingus Mountain** 147.220+/162.2 pl (Primary VHF Repeater Freq)
- **Mingus Mountain** 147.000+/162.2 pl (Alternate VHF Repeater Freq)
- **Prescott** 146.880-/100.0 pl (Alternate VHF Repeater Freq)
- If these repeaters should happen to be off the air, monitor 147.420 or 147.480 simplex.
- If telephone service is available the DEC/EC or AEC in their absence will activate the Telephone Alert Plan.

Every effort will be made to have announcements on these frequencies as to ARES/RACES activation status and the need for operators, but be patient. If operators are immediately needed the announcements will be regular; otherwise they may just be periodic. →

During an activation Yavapai County ARES/RACES Net Control may operate from one of the following locations:

1. During minor, localized emergencies, the home station of the DEC/EC or AEC acting as net control or a mobile communications unit, when activated and assigned.
2. During County-wide or regional disasters when the Yavapai County Office of Emergency Management is in command, is the primary agency being assisted, or when ARES/RACES is activated, the Emergency Operations Center at the County Public works Facility in Prescott, will be the base of operations. (Emergency power is available at this location).

- The DEC/EC will be the net control station (NCS) unless another station is designated by him.
- Mobile and portable units will be dispatched, within the limits of personnel and equipment, as needed, to locations throughout the county. These locations may be shelters, hospitals, fire stations, or other locations necessary to support the emergency communications.
- ARES/RACES members will report enroute to, and upon arrival at, the assigned locations. They will continue to monitor, but notify the NCS, if it is necessary to leave or if relief is needed. Otherwise, transmissions will only be made at the request of the NCS, or for emergency or priority traffic.
- All formal traffic will be in the Yavapai County message form format, unless the NCS directs otherwise. All formal traffic will be signed by the official who originated the traffic, including the officials title.

Since the Indian Fire there have been some other close calls, but due to the quick and capable response by our local fire departments in gaining control of the fires there have been no more evacuations called for. We are not out of danger yet, so keep your 'go-bags' packed and batteries charged and be prepared in case we are needed. We don't want to be putting things together after we are called as time will be valuable.

**Public Service Communications.....**

Operators are needed for the upcoming Prescott Frontier Days Parade. We will be providing Public Safety Communications for the Parade as well as have units in the Parade. Please contact Lee, KC7CBK, or Lloyd, WA6ZZJ, if you will be available to either provide communications or if you would like to have a vehicle in the Parade.

There is still no definite word on when the March of Dimes Walk America will be held, but last word was for sometime mid to late September. More on this as we get it.

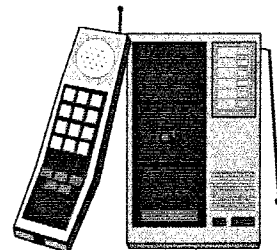


The Yavapai County ARES/RACES Nets are held Monday evenings at 1845 hours on the 147.220 VVARA Mingus Mountain repeater. The 147.260 Mt. Union Net is held immediately following the 147.220 Net at approximately 1900 hours. Future plans call for linking these two repeaters for emergency and Monday net use. Once we have the repeater link system in place both nets will be combined to begin at 1845 hrs.

73, Lloyd Halgunseth WA6ZZJ  
Yavapai County ARES/RACES DEC/Radio Officer  
(520) 717-2706 [wa6zzj@cableone.net](mailto:wa6zzj@cableone.net)

**PRIVACY VS. CONVENIENCE?**

Ever wonder where those signals from your cordless telephones go?



Not to be confused with Cellular Phones that you carry with you around town or use in your car, cordless phones are in almost every home and used by every member of the household.

Cordless telephones, while a great convenience, have created some problems of their own. Sure, it's great to be able to make and take phone calls from any room in the house, garage or out on the patio. The problem is that the phones use radio frequencies to connect the phone lines. These frequencies are known and published in various magazines and reference materials. Older units operated just above the AM broadcast band. Newer units use a pair of frequencies in the 46 and 49 MHz band. Many newer ones now operate on 900 MHz and 2.4 GHz. However, not all are secure from monitoring. Unless your cordless phone is using Spread Spectrum<sup>1</sup> technology or voice scrambling, you CAN be heard by almost anyone. While some manufacturers say the phones will work up to 500' from the base, many exceed that range. Some have been heard up to 1/2 mile from the house they are in!

Cordless phones marketed in the U.S. are supposed to meet FCC standards, but many work their way into the country that don't. Many are on unauthorized frequencies and many exceed power levels set by the FCC. Many states have laws against monitoring these cordless frequencies, but nevertheless, many scanner enthusiasts spend a lot of time listening to their neighbors phone conversations.

With the ever-increasing problem of identity theft, some crooks obtain information from monitoring cordless phones. One avid listener stated that it only takes a few days of monitoring to figure out who is who and what they are talking about. Unknowing users freely give out personal information over their cordless phones, such as social security numbers, credit card numbers, and bank account numbers. This, along with knowing the caller's name and address only invites problems. Many even discuss their legal and criminal matters on a cordless phone. He even stated that he knows most of his neighbors and how much they have in the bank, what church they go to, →

<sup>1</sup> Spread spectrum technology uses rapid changes in the operating frequency (frequency hopping), usually predetermined by a base code between the transmitter and the receiver.

what they're having for dinner, and how often they have sex (and with whom)!

Think about it; you call the XYZ Company and order a Widget. You then proceed to give them your name, address, phone#, and a credit card#. Anyone listening now has the ability to invade your personal life and make it totally miserable. Anyone listening could conceivably then use your information to fraudulently charge merchandise or services to your credit card. Listeners can also figure out when you work, when you are going on vacation, and when you'll be back. They could then pick up items delivered to your house by UPS or FedEx when you're not home. Merchandise delivered to your home and charged to your credit card that you will never see!

Be careful what you do with your cordless phone! Change channels often. DO NOT use it when giving out personal information. DO NOT use it when ordering merchandise by phone. DO NOT use it when accessing your banking information. DO NOT use it if you are going to gossip for all hours about a neighbor or friend. Lastly, DO NOT use a cordless phone if you are going to carry on personal indiscretions. Be Smart! You never know who may be listening! ☺

**FOR SALE**-My wife bought me a new rig for my birthday in December, so I now have the following for sale: 1 Kenwood TS-120S HF rig (80-10) with noise canceling mike and mobile mount, AT-120 antenna tuner with mobile mount, PC-1 phone patch controller. All in good condition. Power supply not included. \$400 or make me an offer.  
1 Kenwood TM-2550A 2 meter rig with mike and mobile mount. 45 w. Good condition. \$100 or make me an offer.  
Bob Ower, WA7YUL 776-8359 or wa7yul@arrl.net



**FOR SALE**-MOSLEY Tri-Band beam, Ham-4 Rotator, both mint condition, seldom used. Asking \$425. They are packed and ready to go 445-2999 AB7SK

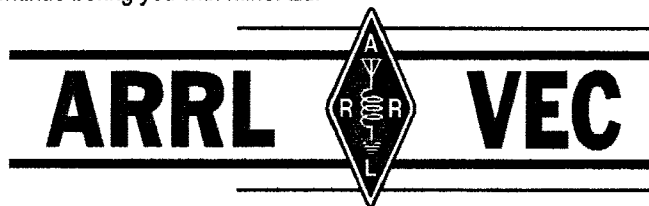
**QSL CARD'S WANTED!**



This is an old QSL card - 1976. It is from now silent key KH6IJ, Katashi Nose, a well-known contester and DXer in Hawaii. I was delighted to confirm a contact with him, and saddened to see him listed in QST a few years ago as a silent key.

Bob Ower-WA7YUL Prescott, Arizona

Remember, if you have a favorite QSL card that you would like to share, send it to me with a short story about it. If I don't get any, I'll continue boring you with mine! Ed.



**Volunteer Examiner Testing**



The tentative remaining schedule for testing in 2002 will be (all Saturdays) 8/10, and 11/09 at 10:00AM. The new location will be at the Masonic Lodge on Willow Creek Rd (by K-Mart). Additional sessions may be held as needed. 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 2002 remains at \$10.00. Further information can be obtained by contacting John Wilson-KM6BF at 636-1228 or Dave Rutledge-W9KRQ at 541-1225.

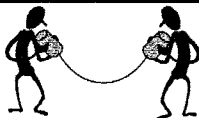
**YOUR LOCAL PRESCOTT AREA VE's**

- |       |                |        |               |
|-------|----------------|--------|---------------|
| AB7KE | Joan Tremper   | AB7KF  | Bob Nichols   |
| AB7VH | Ruth Enabnit   | K7KOL  | Bob Kane      |
| K7NGK | Don Broadston  | KC7AGL | Don Muller    |
| AB7SK | Sasha LeGendre | KK7JH  | Billy Peters  |
| KG7OL | David Miller   | K17EB  | Bill Thrift   |
| KJ7KL | Pen Brown      | N6LIK  | Bob Hoffa     |
| KM6BF | John Wilson    | W2YAV  | Bill Kafka    |
| W7DC  | Bob Harkey     | W6CCD  | Dick Hughes   |
| W6HDP | Bill Jackson   | W9KRQ  | Dave Rutledge |
|       |                | WB6ODR | Bob Smith     |

**AREA REPEATERS**

FREQ	PL	Location	Notes
52.560-	100.0	Mt. Union (-500Khz)	CARS N7NGM
53.040-	C/S	Prescott Airport-1 Mhz	KC7WBE
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
147.040+	100.0	Prescott Heights	W2YAV
147.140+	162.2	Flagstaff-Elden	ARA Link to Ord
147.220+	162.2	Mingus Mtn.	VVARA
147.260+	103.5	Mt. Union	YC EmergSvcs
223.960-	127.3	Chino Valley	NW7AZ
442.150+	100.0	Mingus Mtn.	Northlink
442.350+	100.0	Glassford Hill	N7KPU
448.475-	100.0	Flagstaff-Elden	ARA
448.500-	100.0	Prescott	KB6TWC
448.875-	100.0	Flagstaff-Elden	Northlink
449.175-	100.0	Towers Mtn	Northlink

**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' 22.6" W 112° 29' 45.1")

**NEXT MEETING THURS, JULY 25, 2002 @ 7:00pm**

Meeting Change-The July meeting will be on the 25<sup>th</sup> (4<sup>th</sup> Thursday)



Wednesday Morning Breakfast-Iron Horse Café, S. Hwy  
89 in Chino Valley (N 34° 43' 56.5" W 112° 27' 15.4"). 7:00AM.  
Informal-All are invited.

Thursday Morning Breakfast-Michael's Restaurant in the Safeway  
Shopping Center, Hwy 69 Prescott Valley. 7:00am. (N 34° 35' 13.3" W  
112° 19' 44.6") All are invited.

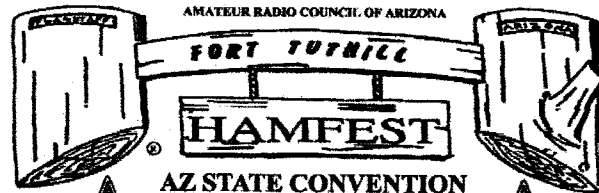
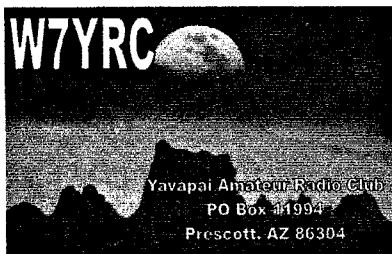
Location data provided by Fred Zimmermann-N7PJN, per WSG84 Datum

SOME CARTOONS COURTESY OF WORLDRADIO MAGAZINE

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

Visit us on the web at: <http://www.w7yrc.org>

Many thanks to Bob Smith-WB6ODR, our Webmaster!



AMATEUR RADIO COUNCIL OF ARIZONA  
**AZ STATE CONVENTION**  
**JULY 26, 27, 28, 2002**

GATES OPEN AT 6 PM THURSDAY 7/25 FOR CAMPING/SET-UP ONLY

**HAMFEST HOURS:**  
Friday & Saturday - Dawn to Dusk  
Sunday - Dawn to 2:00 p.m.

**EXHIBIT HALL HOURS:**  
Friday - 12:00 p.m. - 5:00 p.m.  
Saturday - 9:00 a.m. - 5:00 p.m.  
Sunday - 9:00 a.m. - 2:00 p.m.

**ADMISSION: \$1.00 per person**

**MAIN PRIZES**

Grand Prize - ICOM IC-746 HF/VHF Transceiver  
Second Prize - YAesu FT-817 QRP Transceiver  
Third Prize - MFJ-269 Antenna Analyzer  
Early Bird - KENWOOD TH-P6A Tri-Band HT

**EARLY BIRD DRAWING WILL BE HELD FRIDAY AT 1 P.M.**

**DOOR PRIZES EVERY HOUR**

**RAFFLE TICKETS**  
\$2.00 Each, 3 for \$5.00 or 60 for \$100.00

Seminars - ARRL Forum - YL Refuge  
Tech Sessions - Star Party - Classes  
Major Manufacturers - Awards  
Near Space Repeater Launch - AMSAT  
ATV - Saturday Night Dinner  
Sunday Junkie Sale - and More

**VE Exams:** Saturday, July 27, 2002

Registration: 8:30 a.m. - 12:00 p.m.  
You **MUST** have original and one copy of your  
license and/or any applicable C.S.C.E. Photo I.D.  
required. **WALK-INS ONLY.**  
For exam information call: 602-881-ARCA (2722)

**FOR RESERVATION INFORMATION**

Call 602-881-ARCA (2722)

ARCA Web Site: [www.arca-az.org/ARCA](http://www.arca-az.org/ARCA)

**OR SEND LEGAL-SIZE S.A.S.R. TO:**

ARCA - Fort Tutthill Hamfest  
16845 N. 29th Ave., #312  
Phoenix, AZ 85053-3841

**BEFORE JUNE 1, 2002**

FORT TUTTHILL IS LOCATED AT THE  
FLAGSTAFF AIRPORT EXIT #337  
3 MILES SOUTH OF I-40 ON I-17

**TALK - IN 146.980 - 146.985 102.200 FT.**

**NO FIREARMS, ALCOHOL OR DRUGS  
PERMITTED ON GROUNDS BY  
COUNTY REGULATION**