

THE YAVAPAI SIGNAL

THE YAVAPAI AMATEUR RADIO CLUB PRESCOTT, ARIZONA DM-34 VOL 13 - No. 6 JUNE, 2003

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.



FROM YOUR PRESIDENT PRESCOTT FOREST ROAD RALLY FAST APPROACHING!



Fast approach!



Now, that's fast!

With the road rally fast approaching, it's time to start planning for the event. Not only is it a good exercise of your equipment and abilities, but it's a lot of fun, too! Mark your calendars for the first weekend in October and get your equipment ready for this great event.

The discussion we had at the last meeting about recruiting newcomers to our hobby. We need someone to draft a letter we can use to "reach out" to anyone interested in joining our hobby. I will cover this at our June meeting.

A recent "occurrence" has prompted me to remind everyone that this is a hobby for all to enjoy! If you have any personal feelings towards someone else, please keep it private. Amateur Radio is not a proper forum to express one's personal opinions about another. Get the picture?



Six-Meters is at it again! Several recent multi-hop and Tropo openings have resulted in contacts all across NA and into Mexico and Central & South America.

Remember, there's always room in the newsletter for your stories and other contributions as well. There's no shortage of stuff happening around here. If you have anything worthwhile that is related to the hobby, send it to me. We can always use pictures, too. Keep 'em comin'! 73!

John Wilson-KM6BF
YARC President

Club Repeater



The local 146.880-MHz W2YAV 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 2003

President

John Wilson-KM6BF

km6bf@cableone.net

Vice President

Bob Smith-WB6ODR

Lrsmith@cableone.net

Secretary

Tony Masvidal-W7PCU

W7pcu@webtv.net

Treasurer

Al Crook-KD7MTJ

YARC BOARD OF DIRECTORS Includes Club Officers

Lee Cunningham-KC7CBK

Bob Kane-K7KOL

Bob Rosevear-WB7RRQ

Jack Ragan-W3IVQ

WEEKLY NET CONTROL – Dale Leslie-N7XFD

NEWSLETTER EDITOR - John Wilson-KM6BF

YARC HIGHLIGHT

Many of you read the ARRL Letter. If you have a high-speed connection, it is also available in an audio format, downloadable from the internet. Go to the ARRL's website and click Newsletters/Bulletins.



ARRL Audio News

ARRL Audio News contains highlights taken from the League's weekly publication, The ARRL Letter. ARRL Audio News is available:


- ? Via telephone for one week following publication at 1-860-594-0384.
- ? Via the Internet for two weeks following publication in MP3 format, playable using [Windows Media Player](#), [RealPlayer](#) or your favorite [MP3 player](#).

We encourage the use of ARRL Audio News--in whole or in part--on local repeater nets. You don't need any special permission to use it, but please identify it as ARRL Audio News.

(If anyone is interested in possibly airing the ARRL Audio News locally, let us know.)



UPCOMING EVENTS OF INTEREST

 **June 21, 2003 – KIDS DAY - Purpose:** Kid's Day is intended to encourage young people (licensed or not) to enjoy Amateur Radio. It can give young people hands-on on-the-air experience so they might develop an interest in pursuing a license in the future. It is intended to give hams a chance to share their station with their children.
 Dates: January 4 and June 21, 2003.
 Time: 1800 to 2400Z. No limit on operating time.
 Suggested exchange: Name, age, location and favorite color. You are encouraged to work the same station again if an operator has changed. Call "CQ Kid's Day."
 Suggested Frequencies: 28350 to 28400 kHz, 21380 to 21400, 14270 to 14300 kHz and 2-meter repeater frequencies with permission from your area repeater sponsor. Observe third party traffic restrictions when making DX QSOs.

 **June 28 – 29, 2003 - ARRL Field Day**



July 17, 2003-Next YARC Meeting 1900 GMMS

July 25, 26, & 27, 2003 – Ft. Tuthill!

October 2 - 4, 2003 – Prescott Forest Road Rally

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



MAY 2003 MEETING

YARC meeting for May 15th, 2003

Meeting came to order by the President John-KM6BF at 7pm. Our visitor was Sherwin-WB7NFX. Welcome.
 The Secretary Tony-W7PCU read the minutes, for the last 2 months. Motion was passed.
 The Treasurers report from Al-KD7MTJ. There were some additions and expenditures. Balance for the month was \$1901.12.
 Road rally report. Bob-WB7RRQ was not present. We will hear from him later.
 Emergency Services-Lloyd-WA6ZZJ. results from the Whisky Row Marathon. Everything went smooth. A letter from the YMCA on how great things went, who all the sponsors were. Had over 1200 runners. and 17 hams running communications..(aint we good).
 Races meeting this Saturday the 17th up on Commerce at the county building. Inviting all hams RACES or not John-WB7VGJ s the training instructor.
 VE test. Wound up with 2 no codes and 1 general. Congratulations folks.
 Newsletter. Please keep items coming in.
 Old business-Had to resend the note back to the state, appears that an item was not checked off. (OOPS)
 New business. Terry-KB7TRE is looking for someone to take over the local school ham radio club. He is getting pooped.
 Fred-N7PJN says the Armed Forces day cross band operations is great. If you contact them you will get a certificate.
 A reminder. Ft. Tuthill in July. Golf Tournament for the Burn camp. We Were asked to give a donation of \$100. motion passed. Check made out.
 Looking for newer people to join the YARC. Any suggestions would be good. There are books to get. Unfortunately no classes to go to yet. Our meeting night seems to coincide with other clubs with the younger generations.
 Break at 758pm...
 Ticket win by Tom-W2JKG.
 Program began at 815pm..Good video on the Road rally
 Meeting ended at 840pm

Submitted by
 Tony Masvidal-W7PCU
 YARC Secretary

THE NEWSLETTER!

With the announcement of the ARRL's decision to drop the Section Manager's News (remember that little paragraph in real small print in the back of the magazine?) from OST, we will attempt to publish it here in the newsletter for you. It may be a month late, but it will be here, and in a little larger print!



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@cablone.net

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



FROM THE WAY PAST-PRESIDENT

K7KOL (Bob Kane)



NO STORY THIS MONTH?

Bob's been extremely busy and is working on another great story for next month.



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

"There are some really good signals out there. I just can't hear any of them!"

"Simplex is used when the repeater isn't working!"

"I forget to take my antenna off the car when I parked in the garage. Now I have a horizontal mobile antenna."

"Boy you have a good signal! Where do you get all that power?"

"Ham radio is my telephone to the world."

"If your vertical is ground-mounted, do you work ground-wave?"

"Would a bigger power supply improve my signal?"

"You don't need an amplifier! Put your money in a good antenna! (Now, where have I heard that before?)



OTHER NEWS OF INTEREST

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

FCC Writes Part 15 Device Users Regarding Alleged Interference to Amateur

NEWINGTON, CT, Jun 13, 2003--Hold the phone! The FCC has written two Northern Virginia residents to follow up on complaints from a local amateur who's alleging that he's on the receiving end of harmful interference from telephone devices with the capability to support multiple cordless remotes. Both are unlicensed Part 15 consumer electronics devices made by a well-known manufacturer. The complaints from Bernie Keiser, W4SW--an ARRL member in Vienna, Virginia, near Washington, DC--represented a bit of a turnabout from the typical interference scenario, where ham operation occasionally generates complaints of interference to cordless consumer equipment.

"Harmful interference to a licensed radio service from a Part 15 device is a violation of FCC rules," warned Sharon Bowers, deputy chief of the Consumer Inquiries and Complaint Division of the FCC's Consumer and Governmental Affairs Bureau. Bowers explained that the equipment was classified as an "intentional radiator"--a device that generates an RF signal as part of its normal operation. In separate letters June 2 to the two Part 15 users--both also Vienna residents--she pointed out that if their cordless telephone devices cause harmful interference to licensed spectrum users, "the operator of the device is responsible for correcting the interference, ceasing operation, if necessary, whenever such interference occurs."

Keiser told ARRL that the interference--in the form of broadband noise from 2400 to 2450 MHz--impairs his ability to hear the AO-40 downlink and beacon on the band. "I have a 2.4-GHz cordless telephone that does not cause problems," he said. According to Keiser, the devices in question electronically poll various remote stations, and it's the polling function that apparently causes the noise. He was able to track down the noise sources on his own and has discussed the issue with his neighbors, with whom, he says, he remains on friendly terms. He said the owner of the device that's causing the worst interference is a communications attorney who understands the problem and hopes to deal with it through the manufacturer.

In her letters, Bowers cited the applicable sections of Part 15 and advised that the alleged harmful interference must be corrected before they may use the devices legally. She suggested the consumers contact the manufacturer or retailer of the devices to see if they'd either allow them to return them or exchange them for devices that don't cause interference. (From the ARRL)

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OHIO HAM HIT WITH \$12,000 FINE IN MALICIOUS INTERFERENCE CASE



Cooperation between Canadian and US amateurs has resulted in a \$12,000 Notice of Apparent Liability for Forfeiture (NAL) from the FCC to an Ohio amateur. The FCC has alleged that Ronald E. Sauer, WE8E, of Bedford Heights violated Part 97

rules prohibiting deliberate and malicious interference, transmission of music and failure to identify. The case involved daily interference to the Trans Provincial Net, a Canadian net that operates on 7.055 MHz.

"This was no small task and was accomplished with the help of many people from the US and Canada working together," said ARRL Great Lakes Vice Director Dick Mondro, W8FQT, who expressed thanks to all involved. In addition to TPN members, that included Radio Amateurs of Canada (RAC) officials, Industry Canada, the FCC, ARRL Michigan and Ohio Section officials, ARRL Official Observers and members of the Cuyahoga Amateur Radio Society. "This was indeed an example of teamwork in action and proves again that the FCC does care and continues to work with us to stop interference," Mondro added.

TPN Assistant Manager Jim Taylor, VA3KU, said the interference to the net had gone on for several months. He says a break in the case came when a person suspected of being jammer began sending e-mails to some TPN members. The Canadian amateurs were able to determine that the e-mails had come from a public library terminal in the Cleveland, Ohio, area. Taylor contacted CARS President Bob Check, W8GC, for assistance in zeroing in on the interference.

Tracking down the signal source involved mobile direction-finding work by three CARS members, who passed along their findings to the FCC's Detroit Office late last January. Already alerted to the situation, the FCC's Detroit Office had called on the Commission's High Frequency Direction Finding (HFDF) facility in Maryland. The HFDF group monitored jamming and the playing of music and narrowed down the search to an area near the intersection of Interstates 480 and 77 in the Cleveland area.

In the meantime, the FCC received the CARS report, which alleged that the interference was coming from Sauer's residence. On January 31, an FCC agent also used direction-finding techniques to track the source of the interference on 7.055 MHz to Sauer's home and conducted an inspection. The FCC said Sauer "admitted that he had been playing music and deliberately jamming the frequency of 7.055 MHz." Sauer "further admitted to jamming and playing music on this frequency on previous days," the FCC said in the NAL.

Based on its findings, the FCC concluded that the \$12,000 fine was justified. The FCC ordered Sauer to pay the fine within 30 days or to file a written statement seeking a reduction or cancellation of the proposed forfeiture.

ARRL Arizona Section (AZ) NEWS

Section Manager

**Clifford E. Hauser, KD6XH
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kd6xh@arrl.org

NO REPORT AVAILABLE AT PRESS TIME



ARES/RACES NEWS



Forest Lakes Fire Exercise

The Yavapai County ARES/RACES CommVan was asked to participate in an Arizona State Fire Exercise the last part of April. The Exercise was conducted in the Forest Lakes area of South Eastern Coconino County. A 'dry run' was held on Wednesday, April 23rd with the Exercise being scheduled for Wednesday, April 30th.

The State didn't give us too much information as to the location other than it was to be in Forest Lakes. Well, I thought Forest Lakes didn't look that big so it shouldn't be too hard to find. For the dry run I along with my wife spent the night before in Payson so as to not have to rise before dawn on the 23rd. It was about a 40 mile drive from Payson so I allowed enough time. Motoring along Highway 260 I see the sign indicating Forest Lake so I start looking for a gathering of vehicles. I happened to glance in the mirror and see the sign for Forest Lakes from the East. So..a quick u-turn was called for. Traveling back I see a sign indicating a Fire Station off to the right. This must be the road. About 1/2 mile in there was the Forest Lakes Fire Station and the location for the Exercise. Several agencies were in attendance along with the local Fire Department there was the Arizona State Lands Fire Management Division, Arizona Department of Emergency Management, Arizona Department of Public Safety, Arizona Department of Transportation, Arizona Department of Environmental Quality, Coconino County Sheriff, City of Tempe Interoperability Communications Van, The American Red Cross and Yavapai County ARES/RACES CommVan. Our main objective this day was to establish communications between Forest Lakes and the Coconino County EOC in Flagstaff and with the State EOC in Phoenix. This was accomplished using the 147.360 Mhz / 147.140 Mhz repeater link on Mt Ord and Mt. Elden. Contact was also established using 40 meters to both locations. A few cups of coffee and a couple of donuts and a short meeting later and with a few of the problems we encountered taken care of we are finished for the dry run and head for Prescott.

For the Exercise on April 30th we (my wife and I) again head for Payson the day before this time accompanied by John, WB9VGJ, and his wife. Knowing the location we are headed for makes the trip on Wednesday morning much easier. Traveling through some beautiful country between Payson and Forest Lakes is enjoyable even with the local road construction. All of the agencies are there once more along with NEXTEL Wireless being added to the list this day. ✍

THE YAVAPAI SIGNAL – JUNE, 2003

The scenario for the Exercise is a fire starting in an area Northwest of Woods Canyon Lake that was spared by the Rodeo-Chediski fire of 2002. Extremely high winds and an abundance of campers in the area add to the problem. The Exercise gets underway shortly after 0900 and once again we establish communications on the repeater link (not as good as the previous week for some reason, but we were able to copy both locations). 40 meters was a different story this morning with Walt, WF7J, doing relay duty between Forest Lakes and the State EOC in Phoenix. Between 1000 and 1030 the band opened so we could contact Phoenix directly. About half way through the Exercise the simulation was for regular VHF communications between the Forest Lakes Fire IC and the Coconino County EOC to go down and all traffic between the two locations switched to Amateur Radio. We switched our traffic to the 146.980 repeater on Mt. Elden and a good communications link was established passing four messages between the two locations. Communications were also established on the Arizona National Guard frequencies to both locations with marginal results.

Overall I think we showed that Amateur Radio back up communications was a viable resource. The final debriefing has not yet been completed so we are still awaiting those results.

A little on the City of Tempe Interoperability Communications Van. Their capability was to be able to 'patch' several different frequencies together (VHF to UHF, VHF to VHF, UHF to UHF etc.). It involved several radios, antennas and a couple of computers and worked fairly well. Not being able to retransmit amateur transmissions to commercial frequencies our CommVan used the law enforcement mutual aid frequency to communicate with the Interoperability Van.

A couple of the things that came out during the Exercise was for us to locate our communications units with more separation to avoid overload and intermod and microphone headsets are a must when operating two or more radios in the CommVan.

Once again this year the ARES/RACES CommVan along with other units representing the Yavapai Amateur Radio Club will be in the Prescott Frontier Days Parade on Saturday, July 5th. If anyone wants to have a vehicle in the Parade please contact Lee, KC7CBK, for further information as to time and location for formation.

YARC Public Service

Again this year we have also been asked to provide public safety communications for the Frontier Days Parade so six to eight operators will be needed. Sign ups will be called for at the June YARC meeting. Please plan to assist your Club with this event.

You want to 'circle' Friday and Saturday, October 3rd and 4th on your calendar. This will be the dates of the road rally the club supports and all the operators that can be mustered will be needed. More information will be coming on this event.

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.

Until next month..... **Lloyd Halgunseth WA6ZZJ**
Yavapai County ARES/RACES
DEC/Radio Officer
(928) 717-2706
wa6zzj@cableone.net

Someone thought it would be a good idea to have the local Public Safety frequencies handy, so here they are:

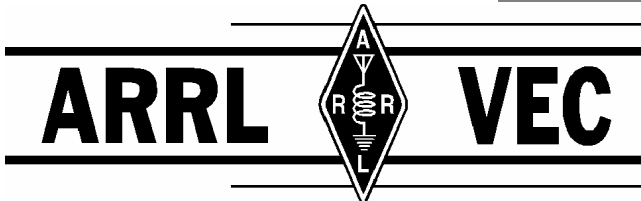
AGENCY	Frequency
Ambulance-Lifeline	463.950
Arizona Game & Fish	151.460
Arizona State Land-Fire	151.400
Arizona State Land-Fire	151.415
Chino Valley PD	155.760
Crown King Fire	154.205
DPS (Highway Patrol) - Area 12	460.425
Fire Dispatch-Tri City	154.160
Fire-Black Canyon City	155.745
Fire-Command	154.340
Fire-Command-CVFD	154.220
Fire-Groom Creek	154.130
Fire-Mayer FD	154.130
Fire-Mutual Aid	154.280
Paulden Volunteer Fire	154.355
Prescott Airport	125.300 AM
Prescott PD-1	154.800
Prescott PD-2	155.250
Prescott Valley PD	155.895
USFS-Prescott NF	168.175
Walker Volunteer Fire	154.175
Williamson Valley Fire	154.430
Yavapai County Jeep Posse-S&R	155.400
Yavapai County SO-East	154.740
Yavapai County SO-West	154.725

ADDITIONS, DELETIONS OR CORRECTIONS, ARE APPRECIATED



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. Al Crook-KD7MTJ-Treasurer



Volunteer Examiner Testing



A test session was held on May 10, 2003. There were 4 candidates who took 5 elements which produced 2 new Technician and 1 General Class licenses. Thanks to those who helped out. The remaining scheduled test dates for 2003 are 8/09, and 11/08. Time is 1000AM and the location is the Masonic Lodge at 1028 Willow Creek Rd., Prescott.

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 ARRL has announced that the test fee will increase to \$12.00 beginning January 1, 2003. Further information can be obtained by contacting John Wilson-KM6BF at 636-1228.

YOUR LOCAL PRESCOTT AREA VE's

AA9TB	Mariann Littell	AB7KE	Joan Tremper
AB7KF	Bob Nichols	K7KOL	Bob Kane
K7NGK	Don Broadston	KC7AGL	Don Muller
AB7SK	Sasha LeGendre	KJ7KL	Pen Brown
N6LIK	Bob Hoffa	KM6BF	John Wilson
W2YAV	Bill Kafka	W7DC	Bob Harkey
W6CCD	Dick Hughes	W6HDP	Bill Jackson
	WB6ODR	Bob Smith	

QUESTIONS ABOUT GETTING MORSE CODE CREDIT FROM A PREVIOUSLY HELD LICENSE OR CERTIFICATE?

Grandfather Credit

The following are means to verify the grandfather credit status of someone eligible for such credit under Section 97.505 of FCC Rules. At VE test sessions it is the applicant (not the VEs or coordinating VEC) who is responsible for supplying the evidence of holding valid grandfather credit:

Valid Forms of Examination Element Credit

At a test session, the VEs will review all credit documents presented by applicants. FCC does not require the applicant to have been continuously licensed. Such valid credit documents may include:

* For 5 WPM (Element 1) Credit,

- A Novice license held at any time by the applicant. An original Novice license document or copy, or a Callbook listing showing class of N=Novice (or a listing showing a WN#xxx, KN#xxx or WV#xxx Novice only call sign) is acceptable.

- A Technician license issued before February 14, 1991. An original Technician license document or copy, or a 1991 or earlier Callbook listing showing class of T=Technician is acceptable.
 - A "Technician Plus" license issued at any time is acceptable. An original "Technician Plus" or "Tech Plus" license document or copy, or any Callbook listing showing class of P=Technician Plus is acceptable.
 * For any credit, a CSCE issued within the previous 365 days for Element Credit (credit as indicated) is acceptable.
 * For 5 WPM (Element 1) and General written test (Element 3) credit, persons who took a 50-question Technician/General written test before March 21, 1987 receive grandfather Technician licensees credit. This can be verified if an applicant presents any of the following:

- Per FCC Rules, an FCC Technician license issued before March 21, 1987, as indicated on the license.

- An original Element 3 CSCE issued before March 21, 1987, is acceptable as proof.

- If licensed in the mid-'70s or after, FCC will issue a [License Verification Letter](#) (see items 5 and 6) indicating that the applicant was licensed as a Technician licensee prior to March 21, 1987. To request such a letter, write to FCC, ATTN: Amateur Section, 1270 Fairfield Rd, Gettysburg, PA 17325 (or fax 717-338-2696).

- For 1966 or more recent records, an FCC Records Contractor extract/certification from FCC Fiche Records can be obtained. There is a charge for this service. You can obtain this information by contacting QUALEX, Phone 202-863-2893, Email: qualexint@aol.com or mail to: FCC Reference Information Center, Portals 2, 445 12th St SW Room CY-A257, Washington DC 20554.

- A 1987 Edition, or earlier, Radio Amateur Callbook listing is acceptable as proof (be sure to include the year of publication reference, if not printed on the page) so long as the license class is shown in the listing (only Callbooks Fall 1967 or later show license class).

- QRZ.COM has posted a copy from their archives of their very first CD ROM product on their web page, as originally published in 1993. This data includes [licensees from 1983 to 1993](#). A printout of such a listing from this CD ROM, showing a Technician license effective/begin date prior to 3/21/87 is acceptable.

In and of itself, any Conditional, General, Advanced or Extra class license carries no grandfather credit whatsoever, per FCC Rules.

The FCC Rule reads:

§97.505 Element credit.

(a) The administering VEs must give credit as specified below to an examinee holding any of the following license grants or license documents:

(1) An unexpired (or expired but within the grace period for renewal) FCC-granted Advanced Class operator license grant: Elements 1, 2, and 3.

(2) An unexpired (or expired but within the grace period for renewal) FCC-granted General Class operator license grant: Elements 1, 2, and 3.

(3) An unexpired (or expired but within the grace period for renewal) FCC-granted Technician Plus Class operator (including a Technician Class operator license granted before February 14, 1991) license grant: Elements 1 and 2.

(4) An unexpired (or expired but within the grace period for renewal) FCC-granted Technician Class operator license grant: Element 2.

(5) An unexpired (or expired) FCC-granted Novice Class operator license grant: Element 1.

(6) A CSCE: Each element the CSCE indicates the examinee passed within the previous 365 days.

(7) An unexpired (or expired less than 5 years) FCC-issued commercial radiotelegraph operator license or permit: Element 1.

(8) An expired FCC-issued Technician Class operator license document granted before March 21, 1987: Element 3.

(9) An expired or unexpired FCC-issued Technician Class operator license document granted before February 14, 1991: Element 1.
(b) No examination credit, except as herein provided, shall be allowed on the basis of holding or having held any other license grant or document.



QSL CARD'S WANTED!

Color photos definitely add to the attractiveness of a QSL, especially from a location like Hawaii. However, these guys just don't look like they're having a very good time, though. (See the card in color on the website)



Dick Hughes-W6CCD recently suggested that we even put photos of old ham plates here too. Anyone out there that has a picture of your old plates, send them to me.

Here's some really old rusty plates from Bob Smith-WB6ODR.



Here is a picture of my old California plates that I used from about 1965 until I moved here in 1998. These plates were on a half dozen different vehicles over those 33 years. They show signs of fair, wear and tear, including the silver paint that spilled on them when we were moving over here. I have been stopped 3 or 4 different times and asked to show my registration to prove the plates were real. The last time I was stopped, my old black and yellow plates were older than the California Highway Patrolman that stopped me. It seems that the CHP runs my plate as "WB60DR" that is "six-zero" and not the alpha "Oscar" the report comes back to the patrolman as "Plate not found" and a red flag goes up. When I show the papers and they re-run the plates if pops up with my information, Funny how that is!!

73 WB6ODR

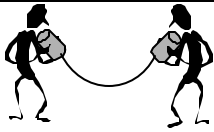
Remember, if you have a favorite QSL card or Ham Radio license plate to share, send it to me with a short story about it. If I don't get any, I'll continue boring you with mine! Ed

Met a lady ham by the name of Jean, forgot the call but had a "2" in the C/S. She has xtals for sale for H.F. radios. dont know what type of xtals. She is selling them. her number is 636-0215

Bob Minner, ex-ham in Camp Verde. a "FREE" 35' maypole antenna, 80 thru 2. One has to go and take it down. 928-567-9598
990 Buffalo Tl. Camp Verde



Tony-W7PCU



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 17, 2003 @ 7:00pm

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



AMATEUR RADIO COUNCIL OF ARIZONA

AMATEUR RADIO COUNCIL OF ARIZONA
FORT TUTHILL
HAMFEST
AZ STATE CONVENTION
JULY 25, 26, 27, 2003

GATES OPEN AT 6 PM THURSDAY 7/24 FOR CAMPING/SET-UP ONLY

<p>HAMFEST HOURS: Friday & Saturday - Dawn to Dusk Sunday - Dawn to 2:00 p.m.</p>	<p>EXHIBIT HALL HOURS: Friday - 12:00 p.m. - 5:00 p.m. Saturday - 9:00 a.m. - 3:00 p.m. Sunday - 9:00 a.m. - 2:00 p.m.</p>
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ADMISSION: \$1.00 per person

<p>MAIN PRIZES Grand Prize - YAesu FT-847 HF/VHF/UHF Transceiver Second Prize - YAesu FT-8900R Quad Band FM Mobile Third Prize - Kenwood TZ-D7 (AG) 2M/440 HY w/TNC Fourth Prize - ICOM IC-7032A 2M/440 3 W HT Early Bird - Garmin GPS-12XL GPS Receiver</p>	<p>FOR RESERVATION INFORMATION Visit the ARCA Web Site www.arca-az.org/arca Or Call - 602-881-ARCA (2722)</p>
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**EARLY BIRD DRAWING WILL BE HELD
FRIDAY AT 1 P.M.**

<p>DOOR PRIZES EVERY HOUR RAFFLE TICKETS \$2.00 Each, 3 for \$5.00 or 60 for \$100.00</p> <p>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</p> <p>VE Exams: Saturday, July 26, 2003 Advanced Registration: Friday, July 25, 2003 Saturday 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 WELCOME. For exam information call: 602-881-ARCA (2722)</p>	<p>OR SEND LEGAL-SIZE S.A.S.E. TO:</p> <div style="text-align: center;"> </div> <p>ARCA - Fort Tuthill Hamfest 16845 N. 29th Ave., #312 Phoenix, AZ 85053-3041</p> <p style="text-align: center;">BEFORE JUNE 1, 2003</p> <p>FORT TUTHILL IS LOCATED AT THE FLAGSTAFF AIRPORT EXIT #337 3 MILES SOUTH OF I-40 ON I-17</p> <p>TALK - IN 146.980 - 802.0303 142.290 P.</p> <p>NO FIREARMS, ALCOHOL OR DRUGS PERMITTED ON GROUNDS BY COUNTY REGULATION</p>
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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!

